

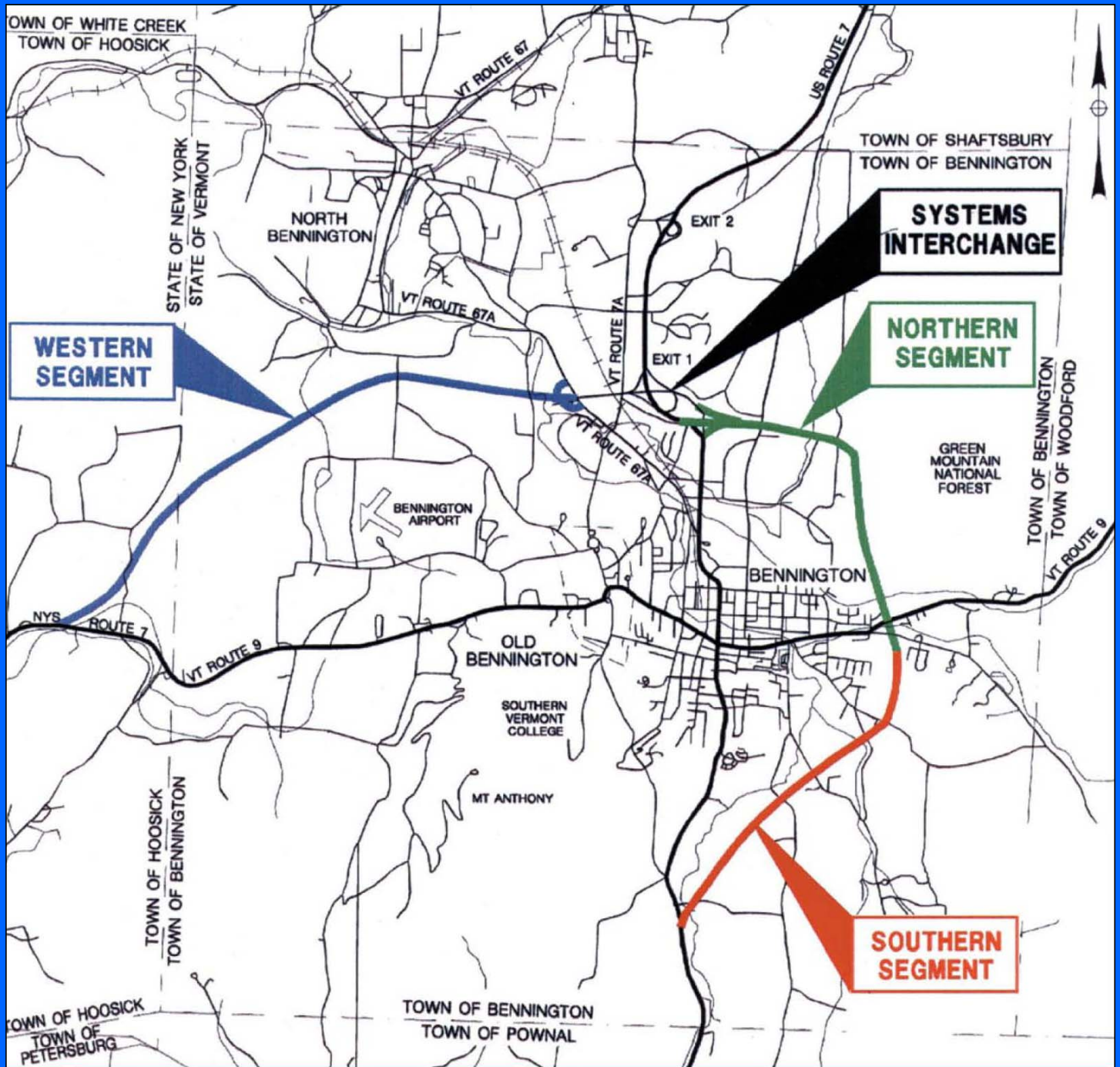
People in the Past:

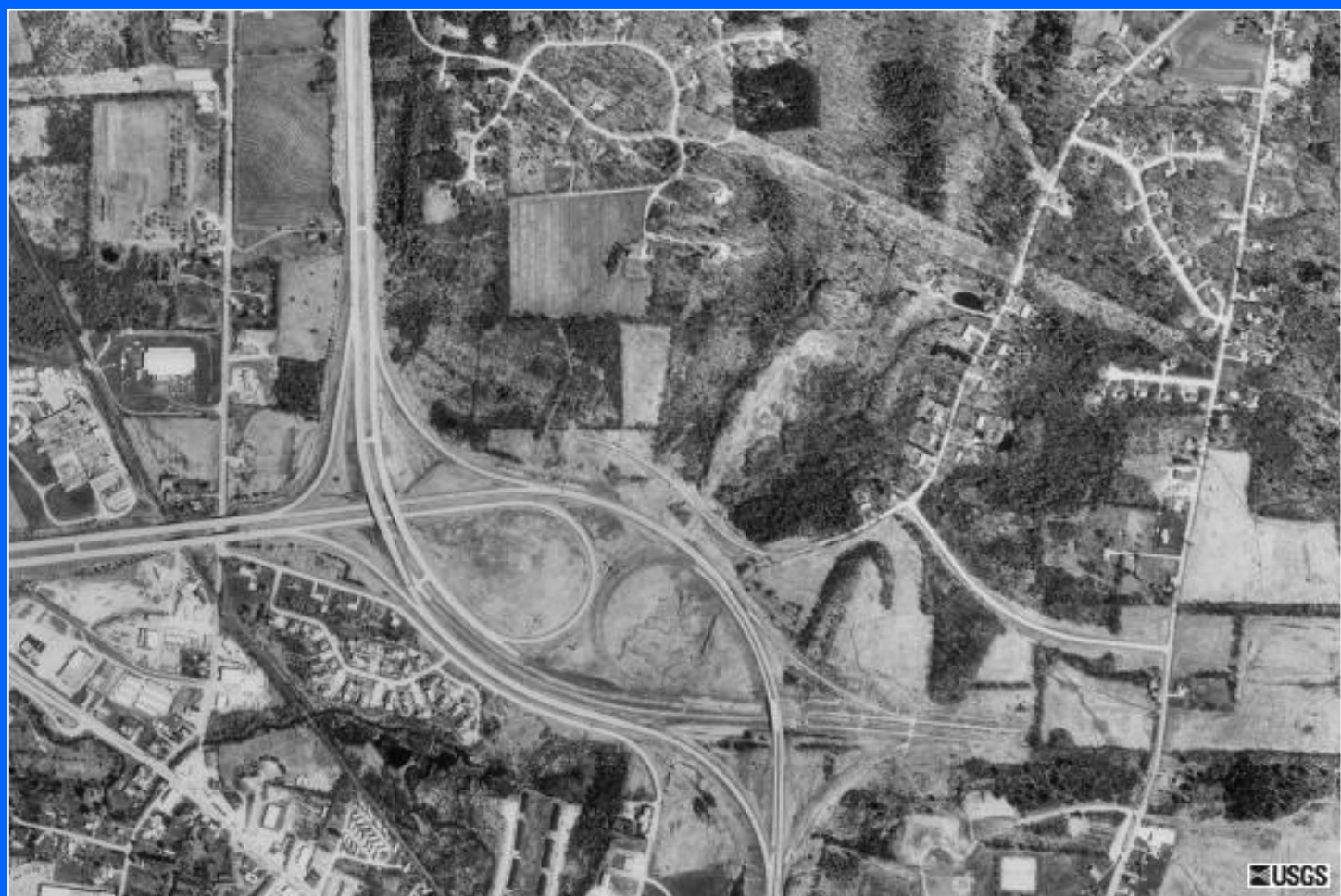
Native American and Early Euroamerican Settlement in Bennington, Vermont

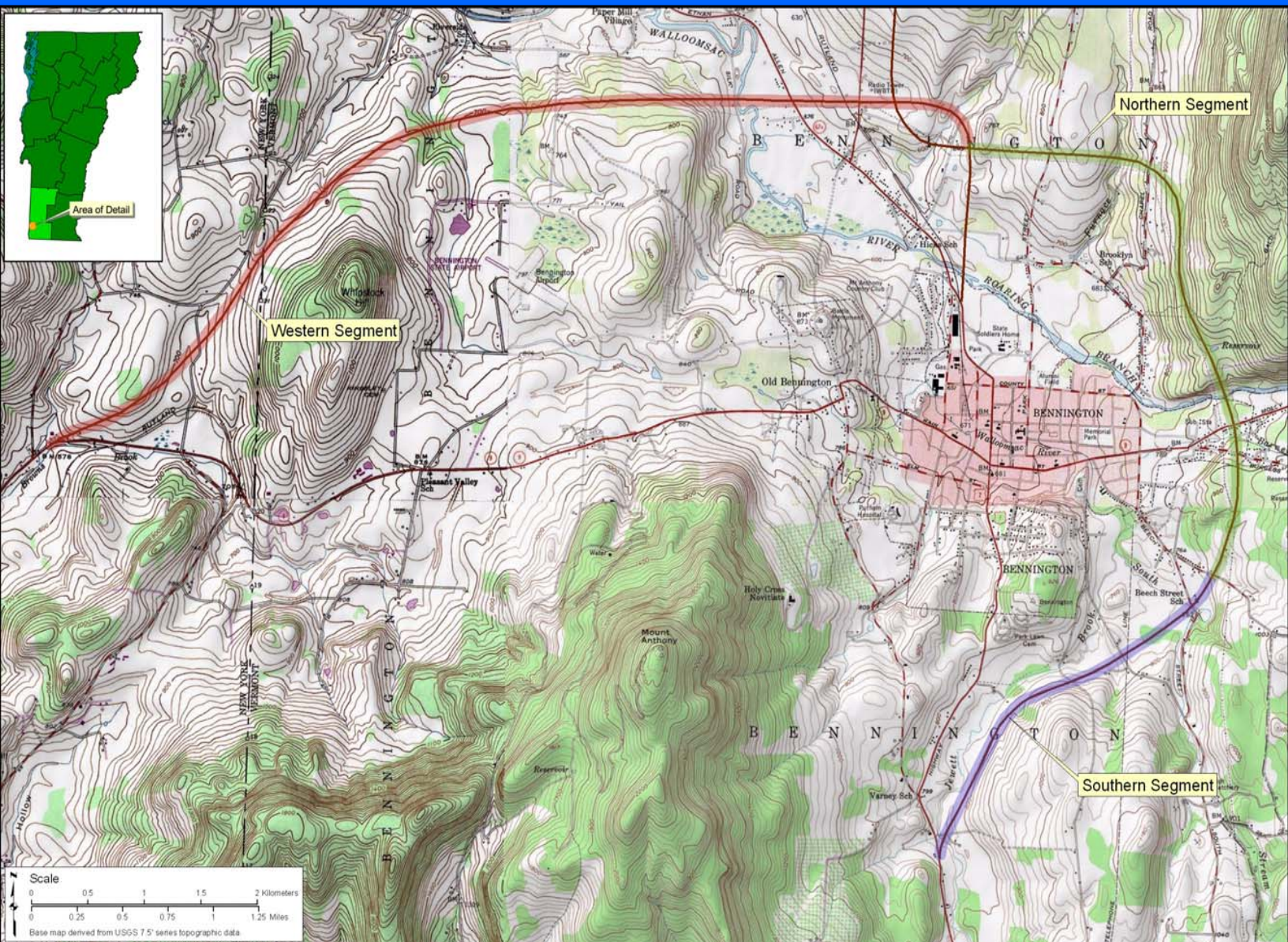


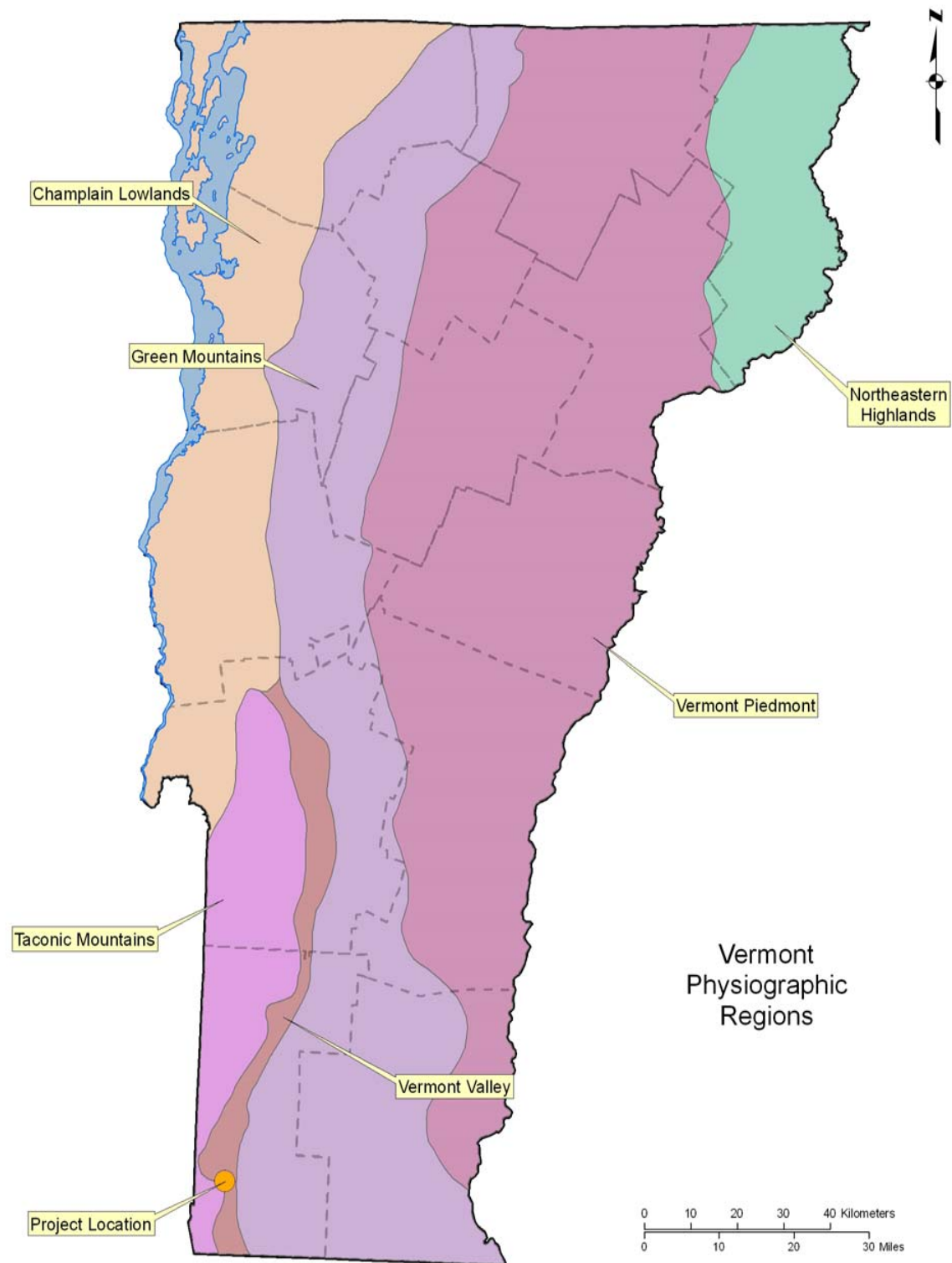
The Archaeology of the Bennington Bypass

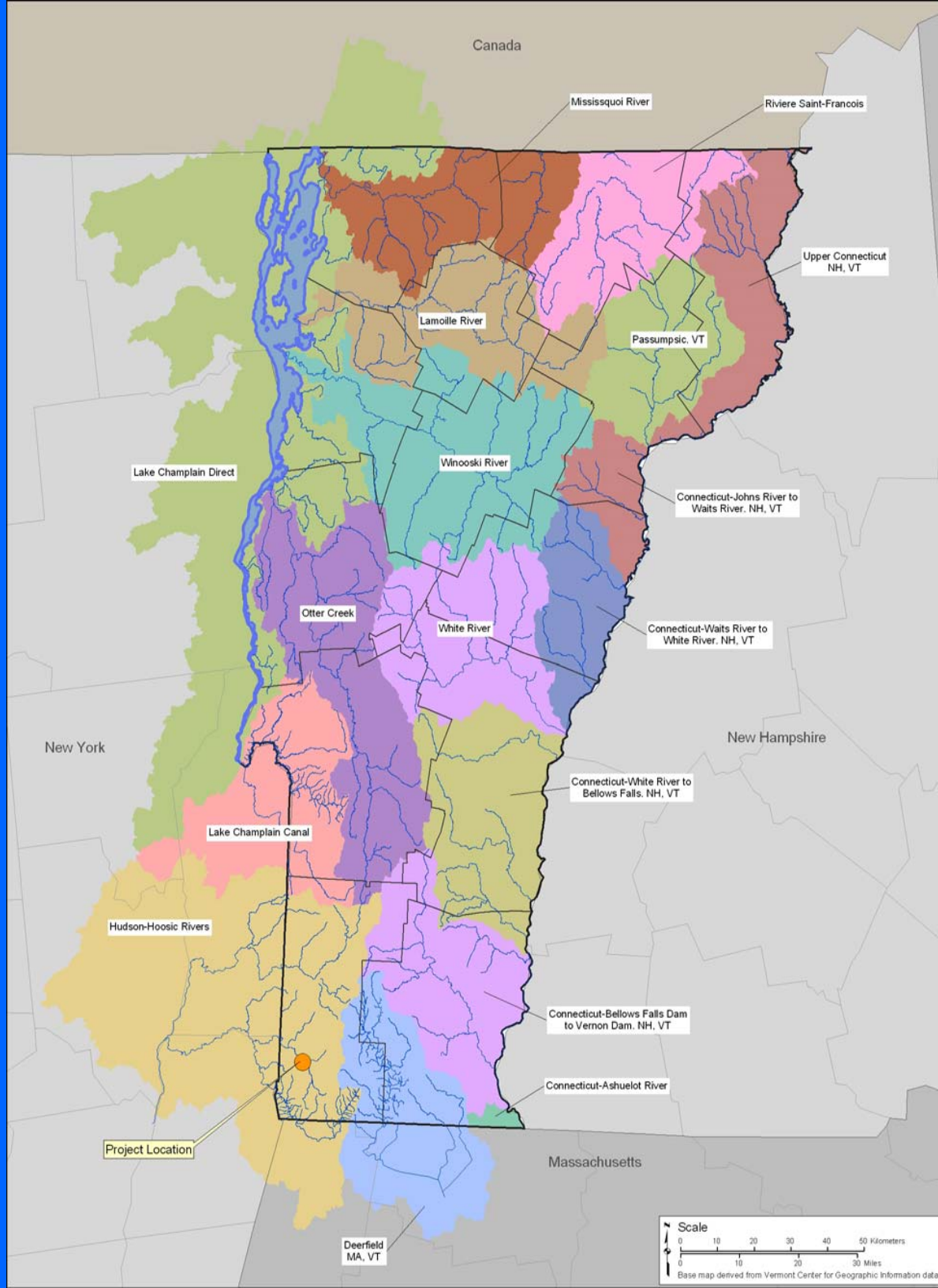
The Bennington Bypass





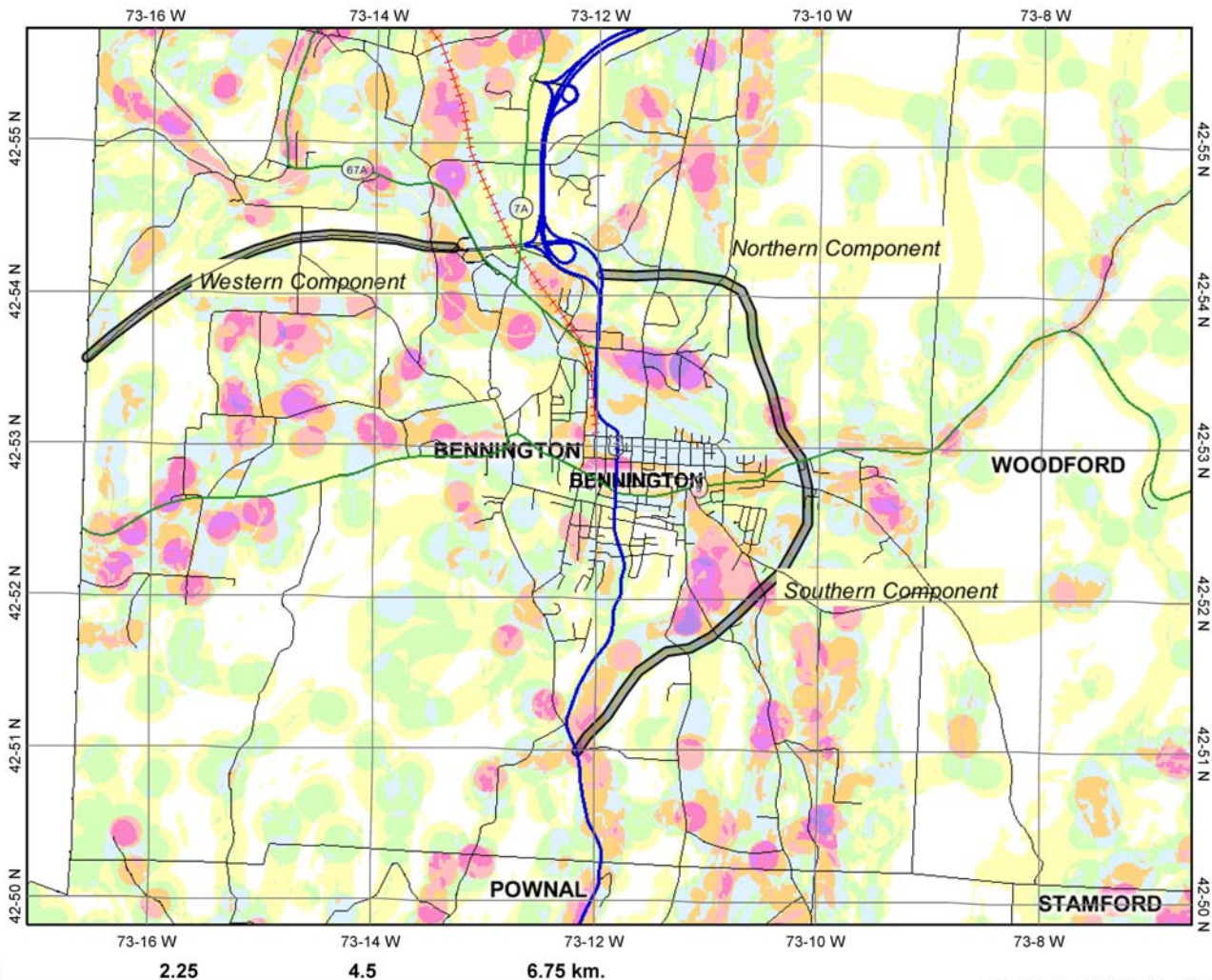








Bennington Bypass Archaeological Sensitivity



Legend

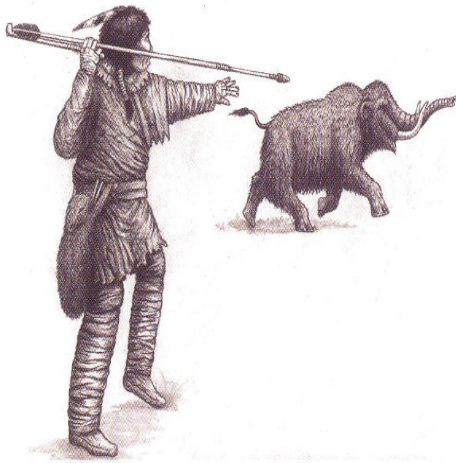
- Towns
- Counties
- Combined Archaeological Sensitivity
 - One Sensitivity Factor
 - Two Sensitivity Factors
 - Three Sensitivity Factors
 - Four Sensitivity Factors
 - Five Sensitivity Factors
 - Six Sensitivity Factors
 - Seven Sensitivity Factors
 - Eight Sensitivity Factors
 - Nine Sensitivity Factors
 - Ten Sensitivity Factors
 - No Mapped Sensitivity Factors

www.historicvermont.org

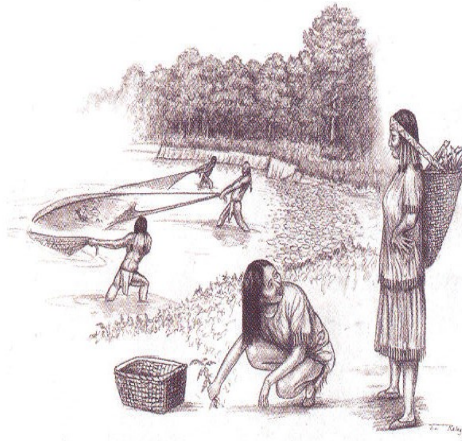


Scale: 1:76,814

Native American Archaeology Timeline



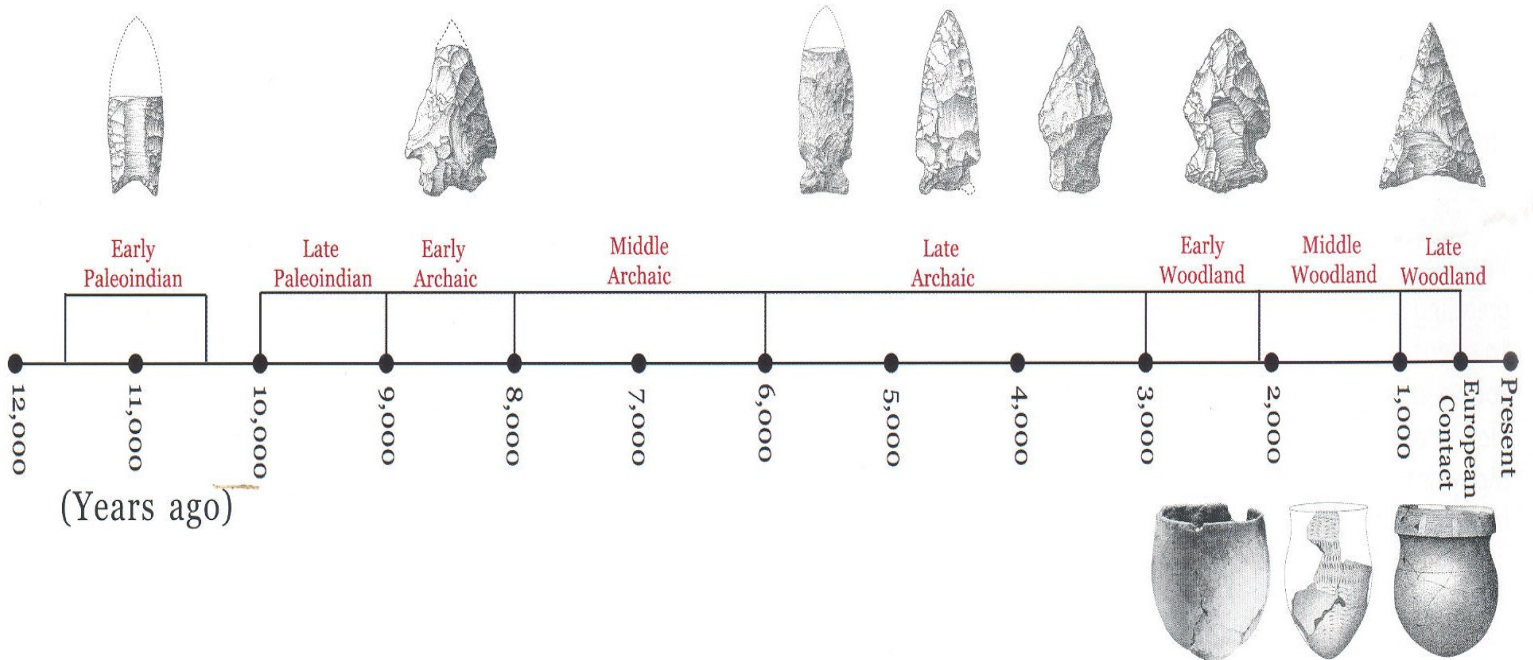
The Paleoindian Periods



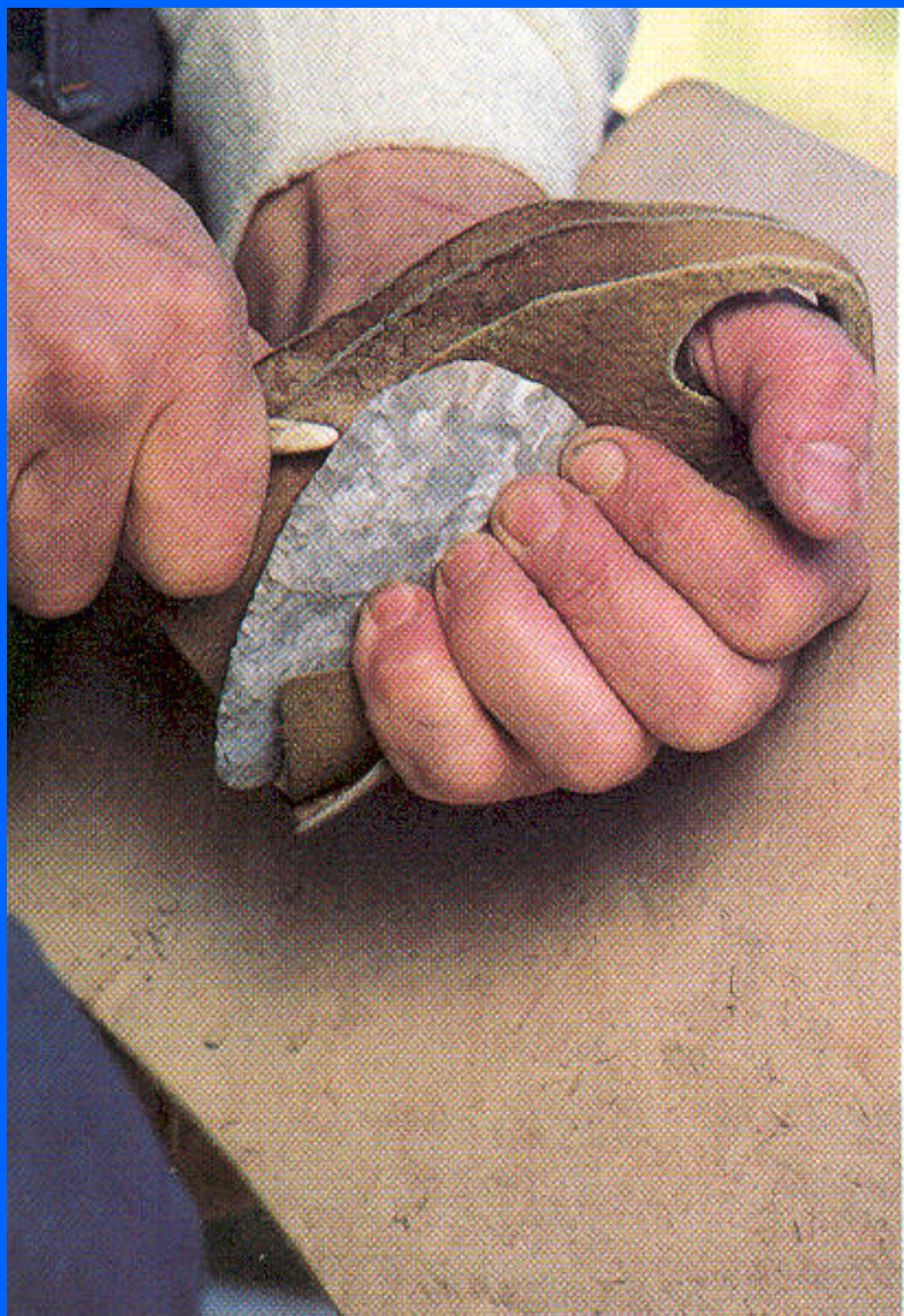
The Archaic Periods



The Woodland Periods







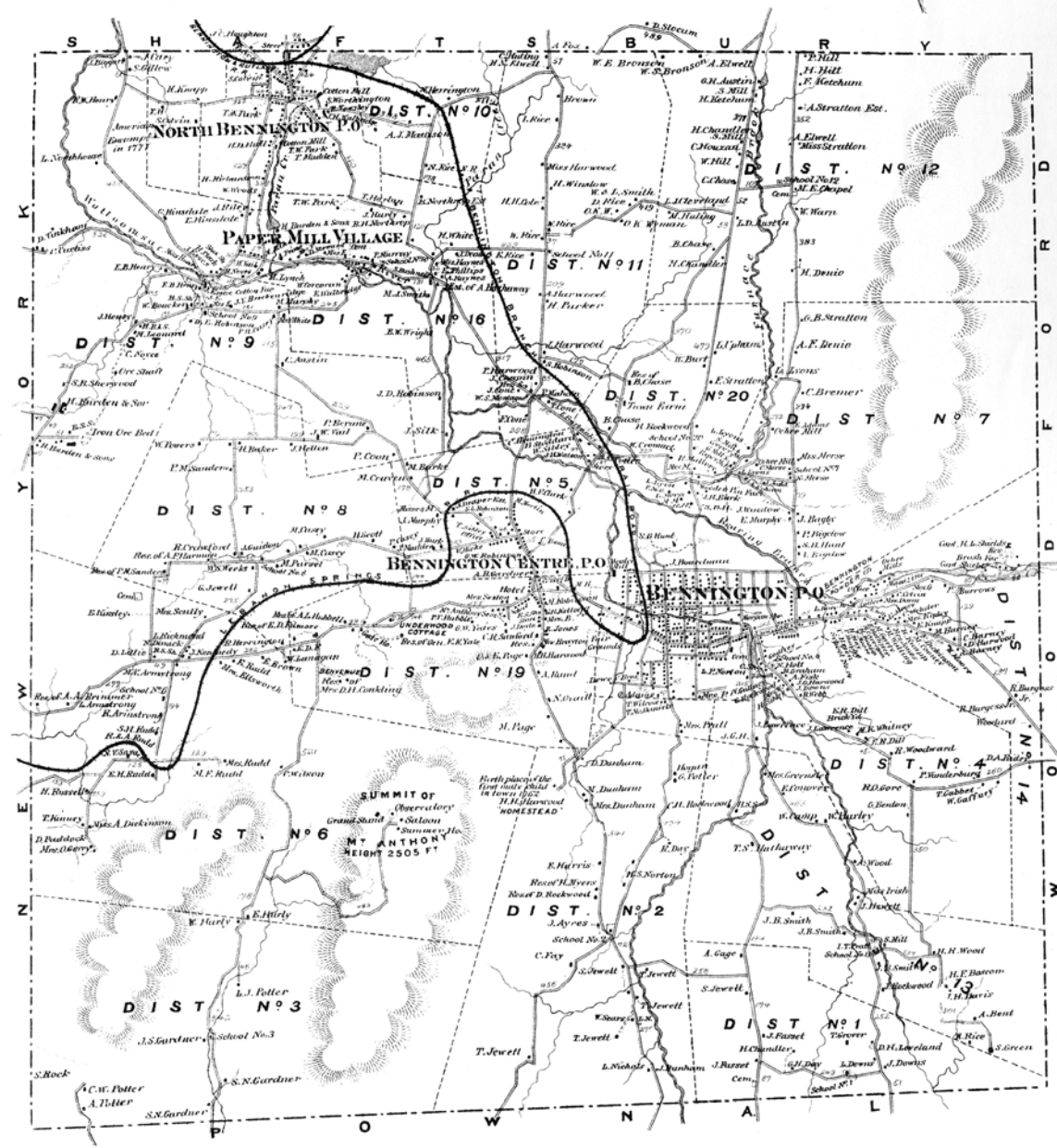




VT-RU-102
QUARTZITE QUARRY
HOMER STONE

BENNINGTON

Scale: 1 1/2 inch to the Mile.



Bennington Bypass Archaeological Phase I Survey



Archaeological Phase I Survey (Identification Stage)

- 950 - 0.5 m x 0.5 m test pits
- 2 - 1.0 m x 1.0 m test units

Resulting in identification of :
24 new Native American sites
13 new Historic Euroamerican

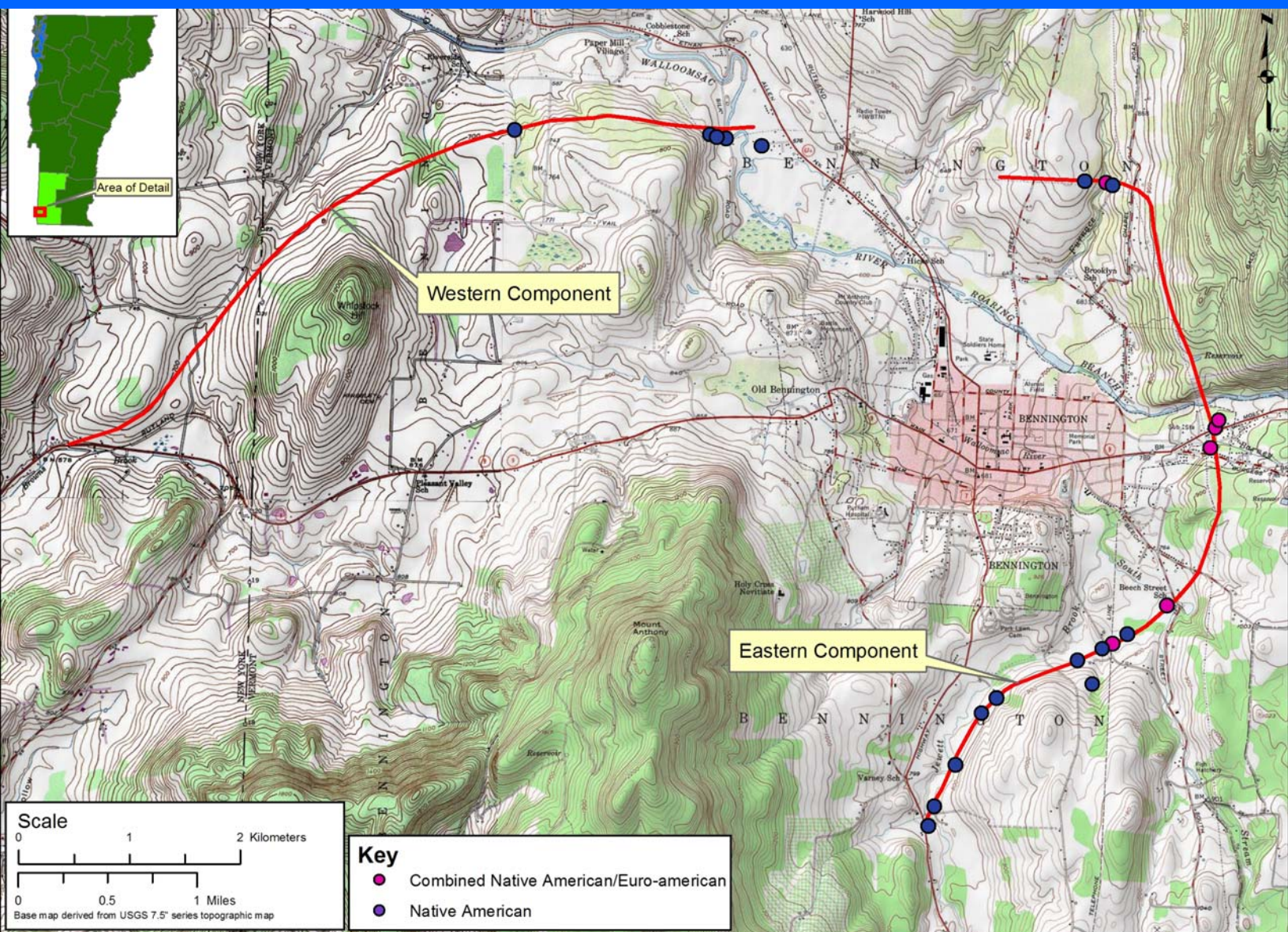
Archaeological Phase II Testing (Evaluation Stage)

- 867 0.5 m x 0.5 m test pits
- 46 1.0 m x 1.0 m test units

Resulting in the Determination of Five
National Register of Historic Places Eligible Sites

Phase III Data Recovery (Mitigation) at 4 sites

543 square meters combined at three sites
Extensive public education

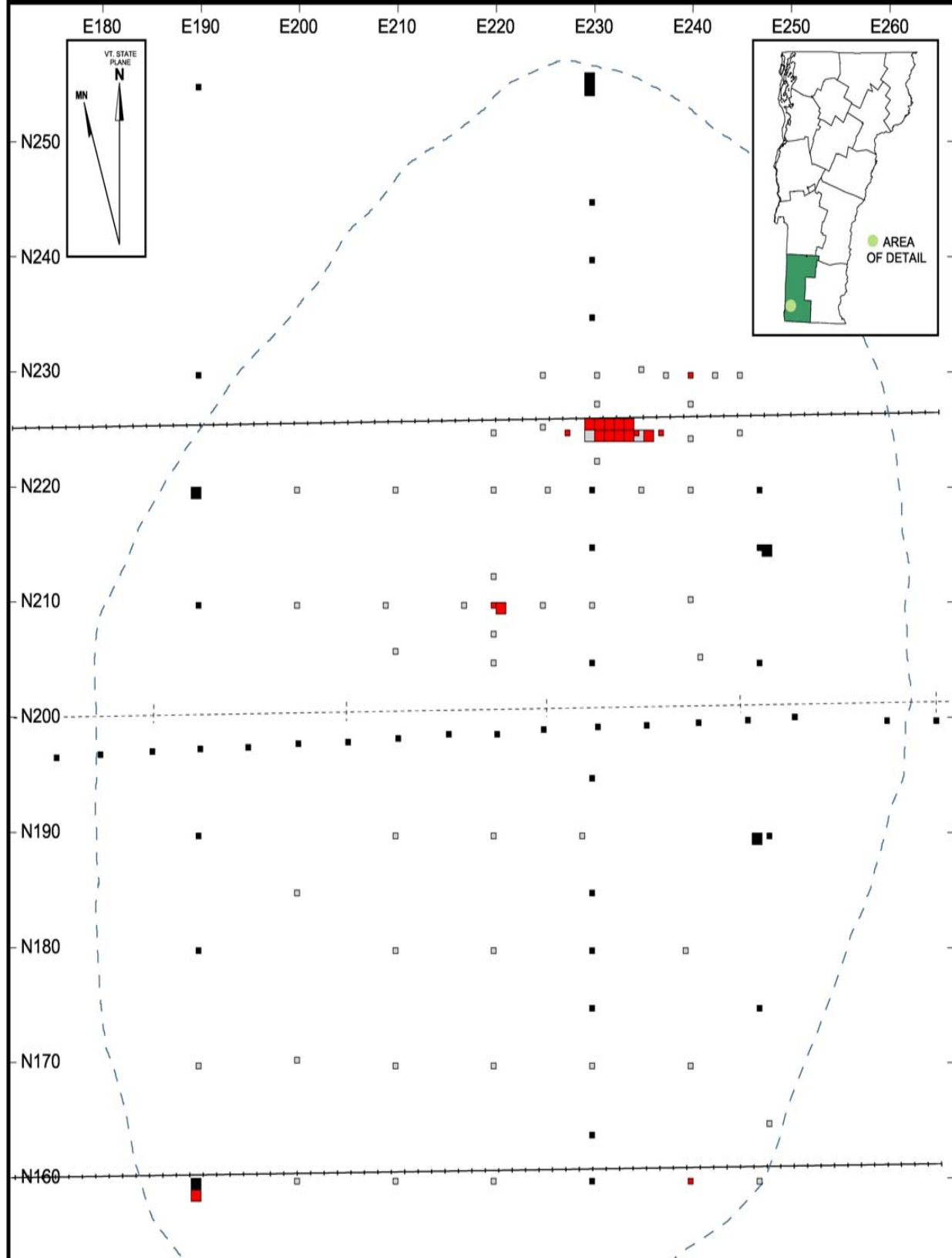


Archaeological Sites Found:
24 Native American
13 Historic Euroamerican

Paleoindian Period to Archaic period transition

Cheshire Site



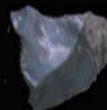




A



B



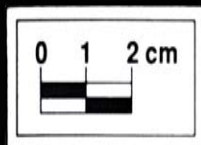
C

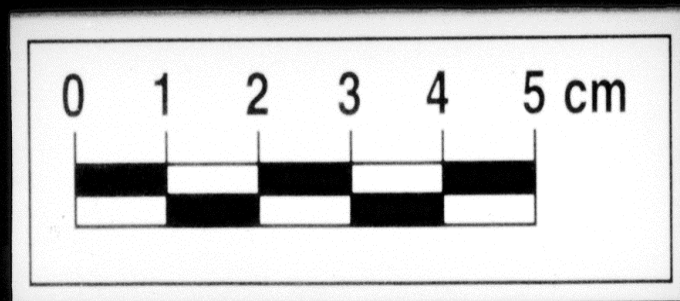


D

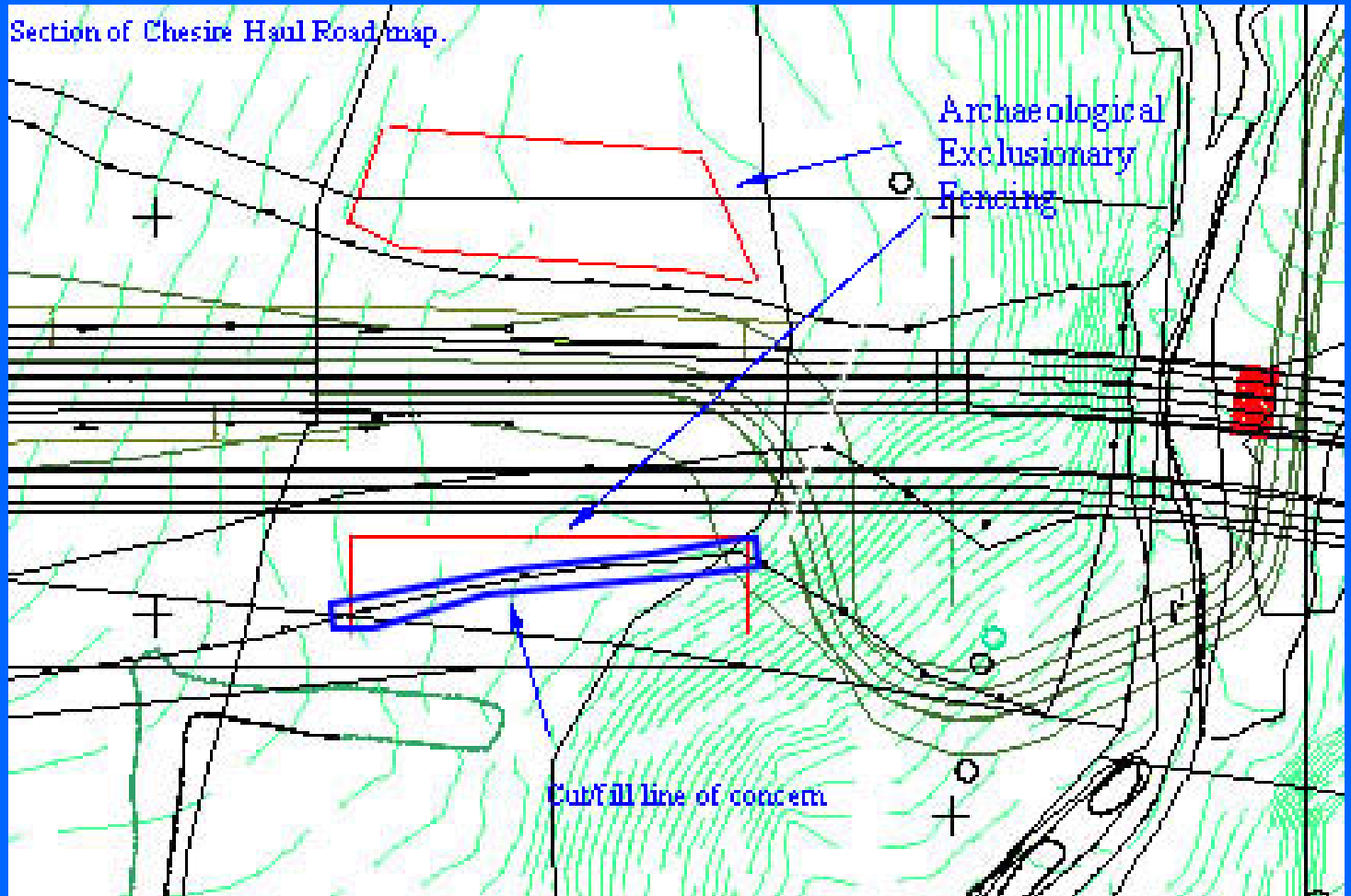


E

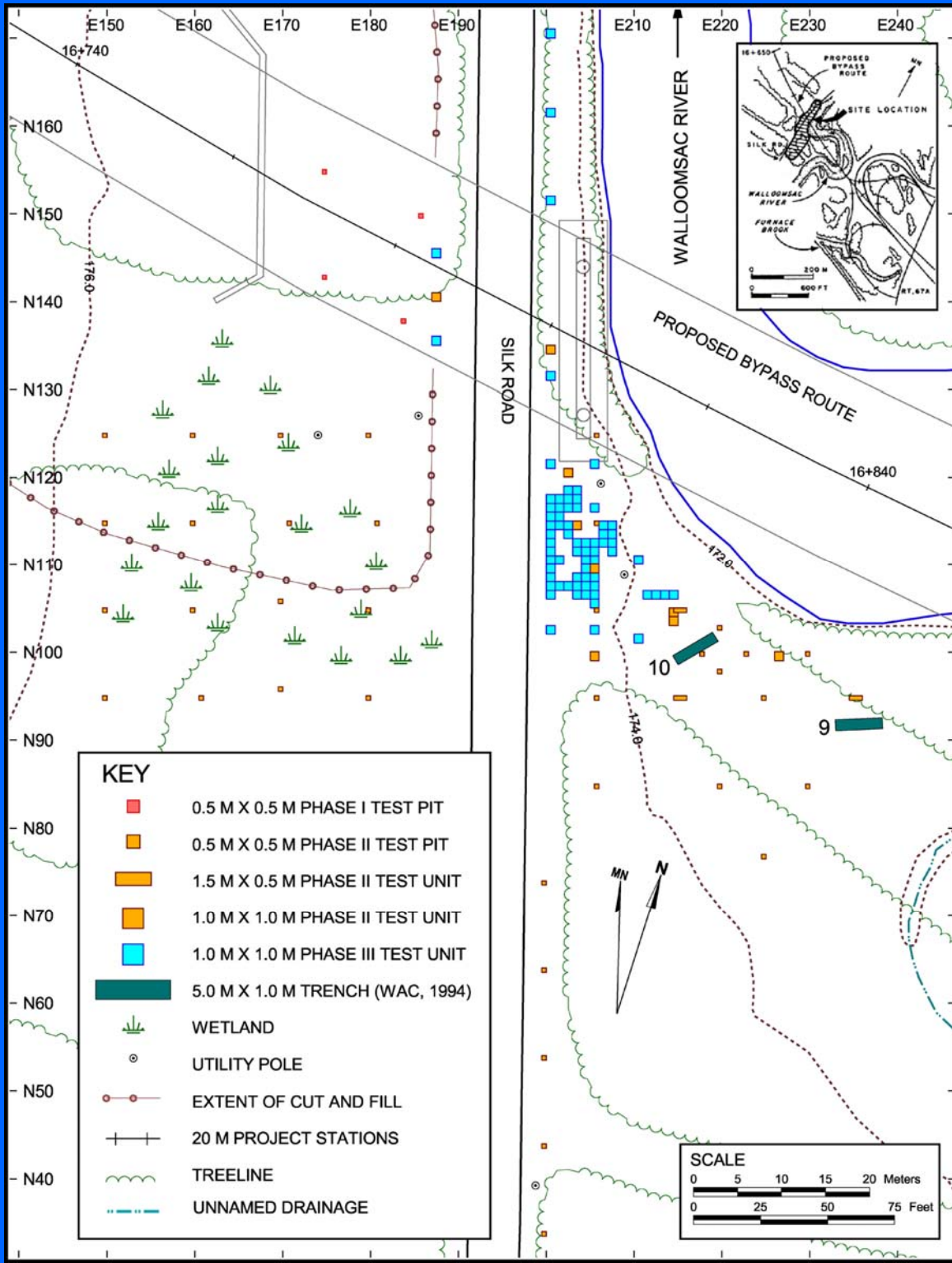




Site Protection Plan



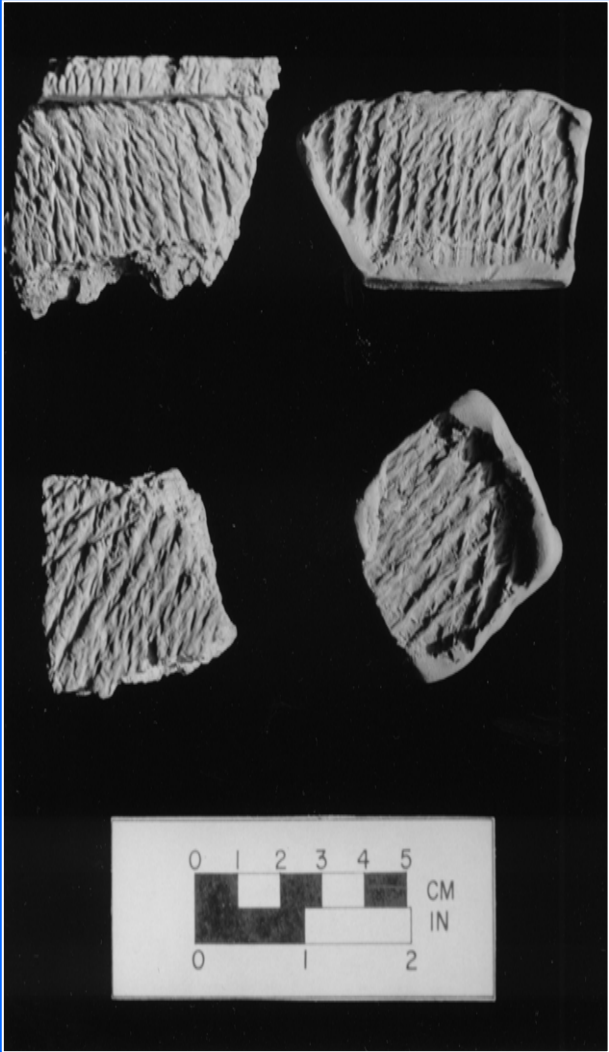
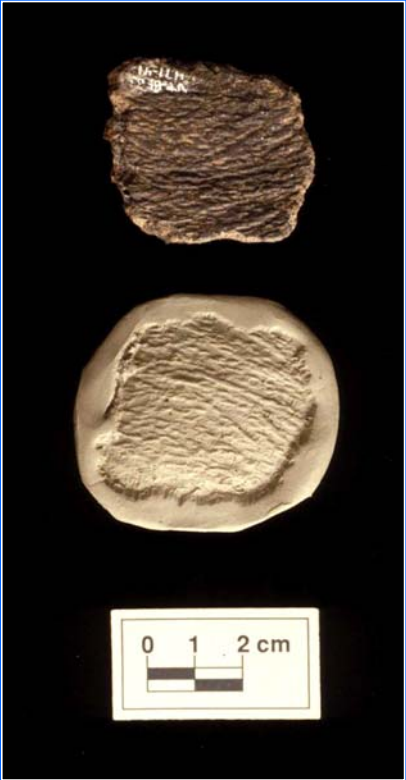
Silk Road Site













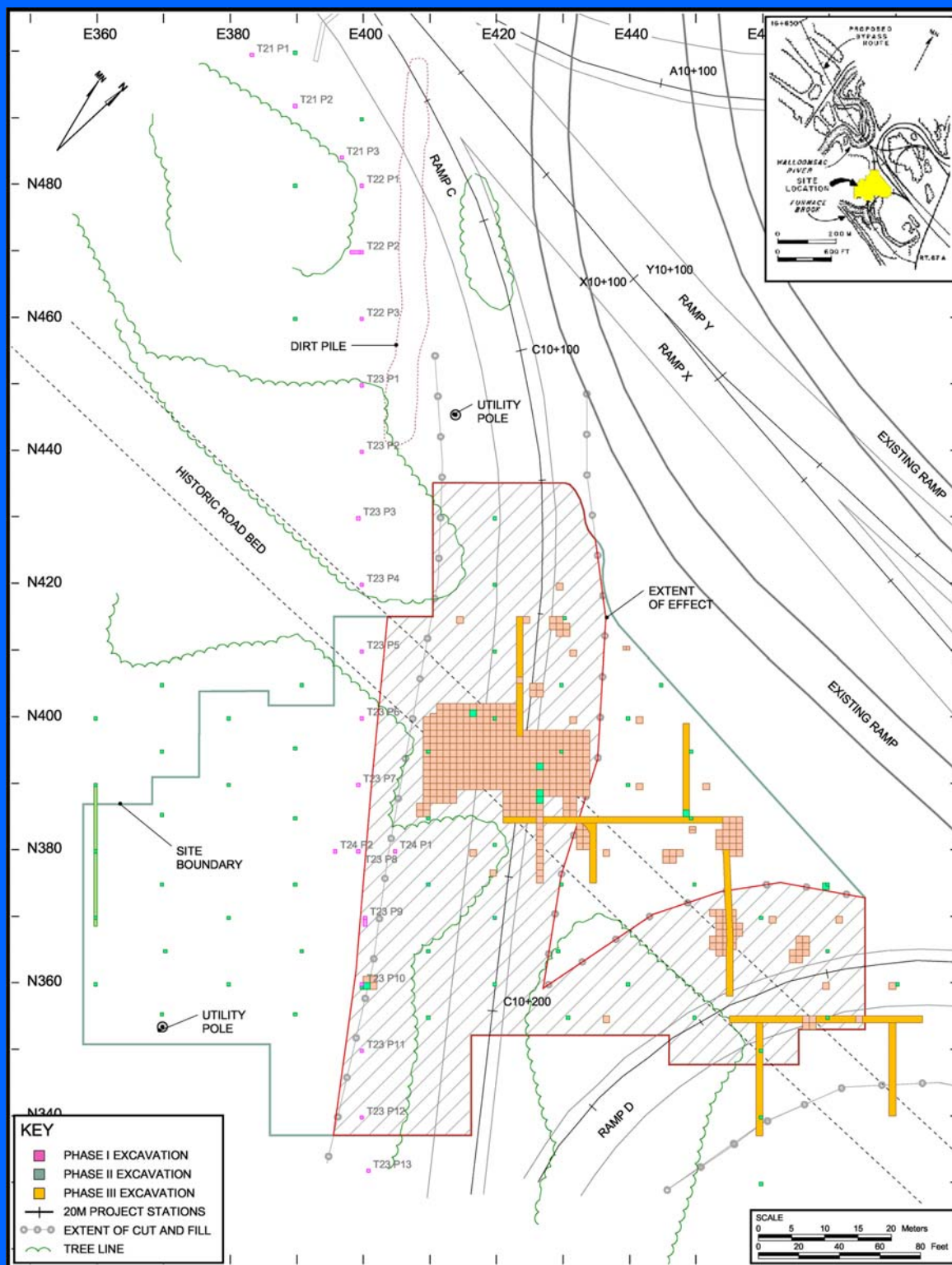
CLOVERLEAF
SITE



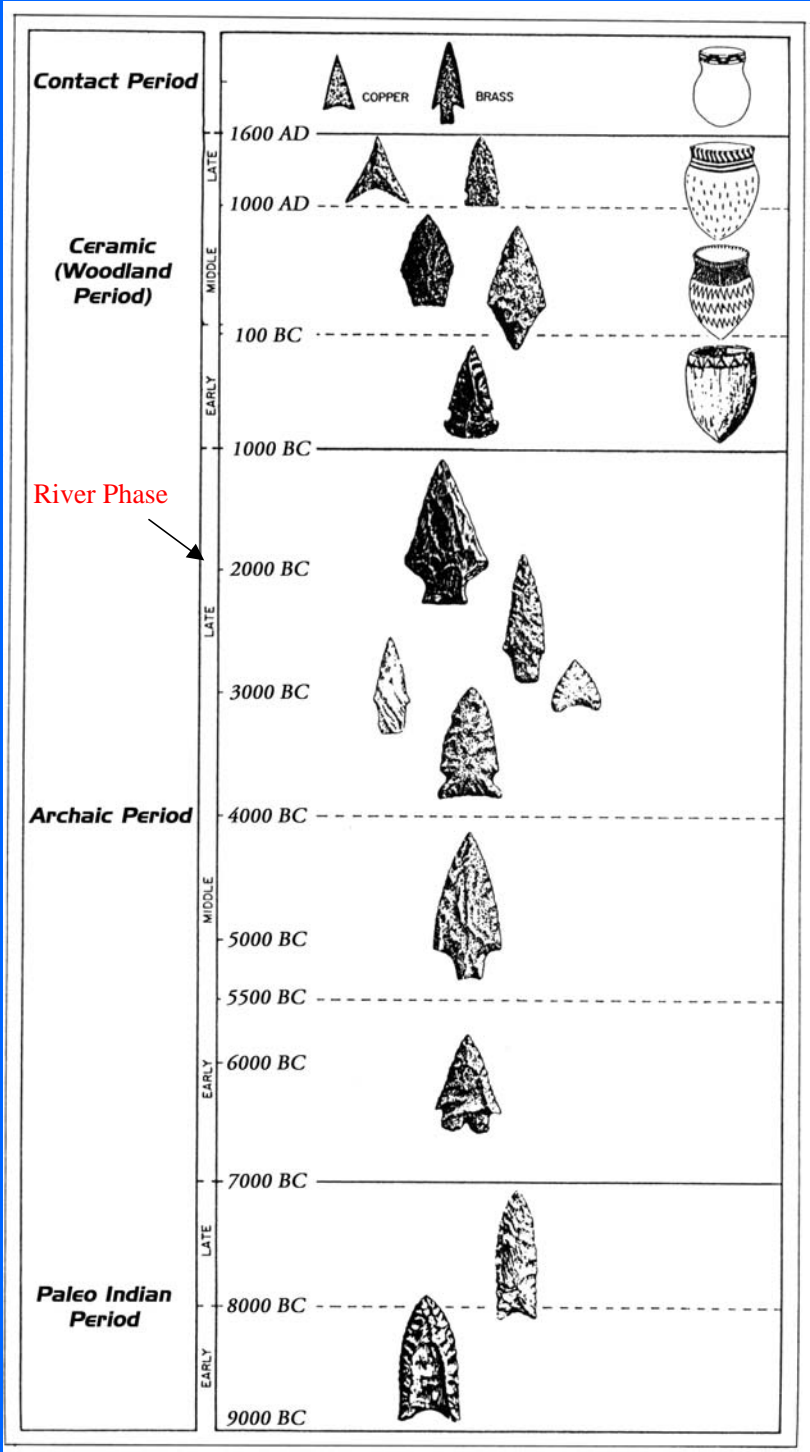


Phase III Data Recovery Block Excavations



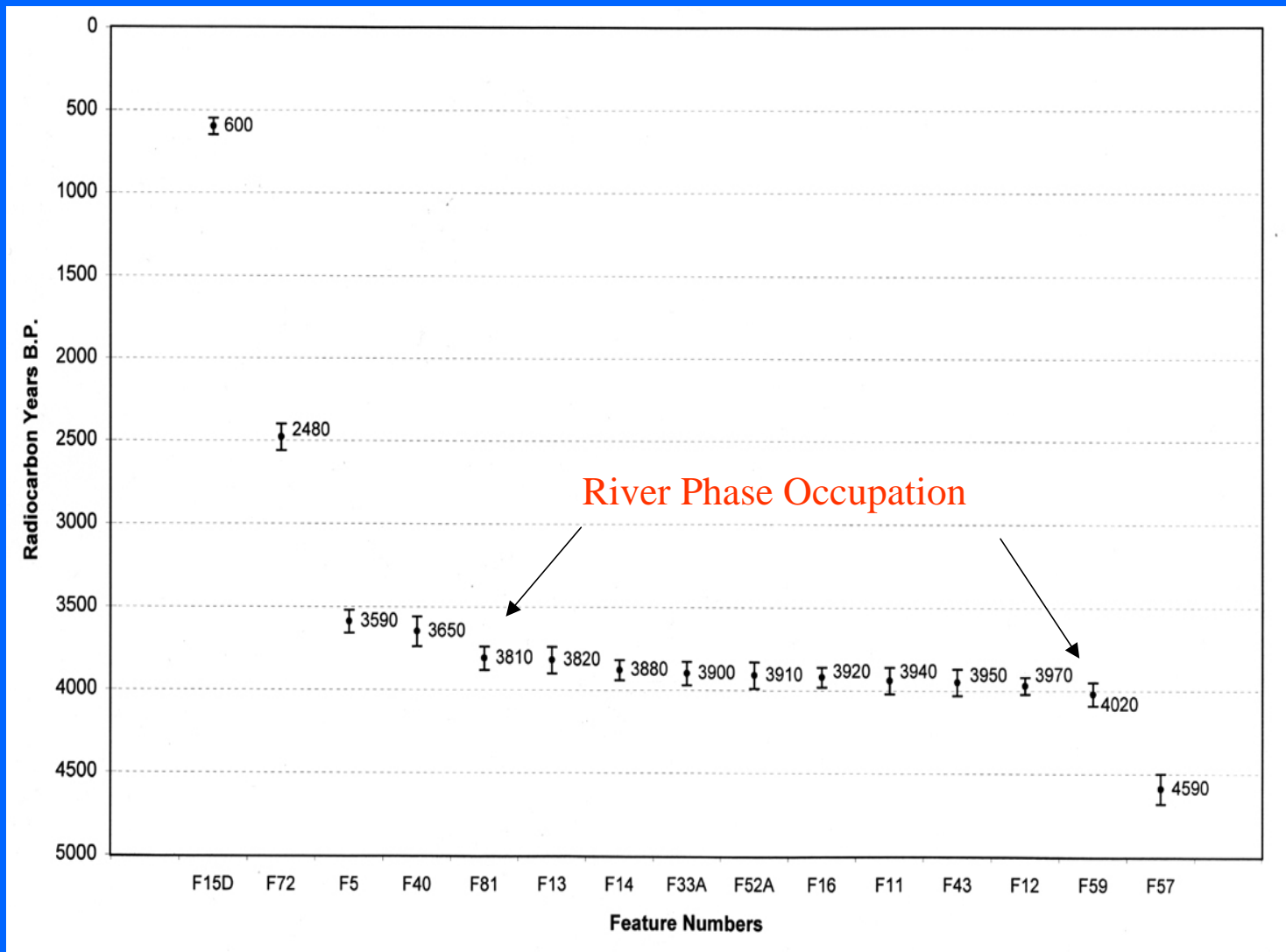


Date of Site Occupation



Radiocarbon Dates from the Cloverleaf Site

One Standard Deviation



Excavation Techniques



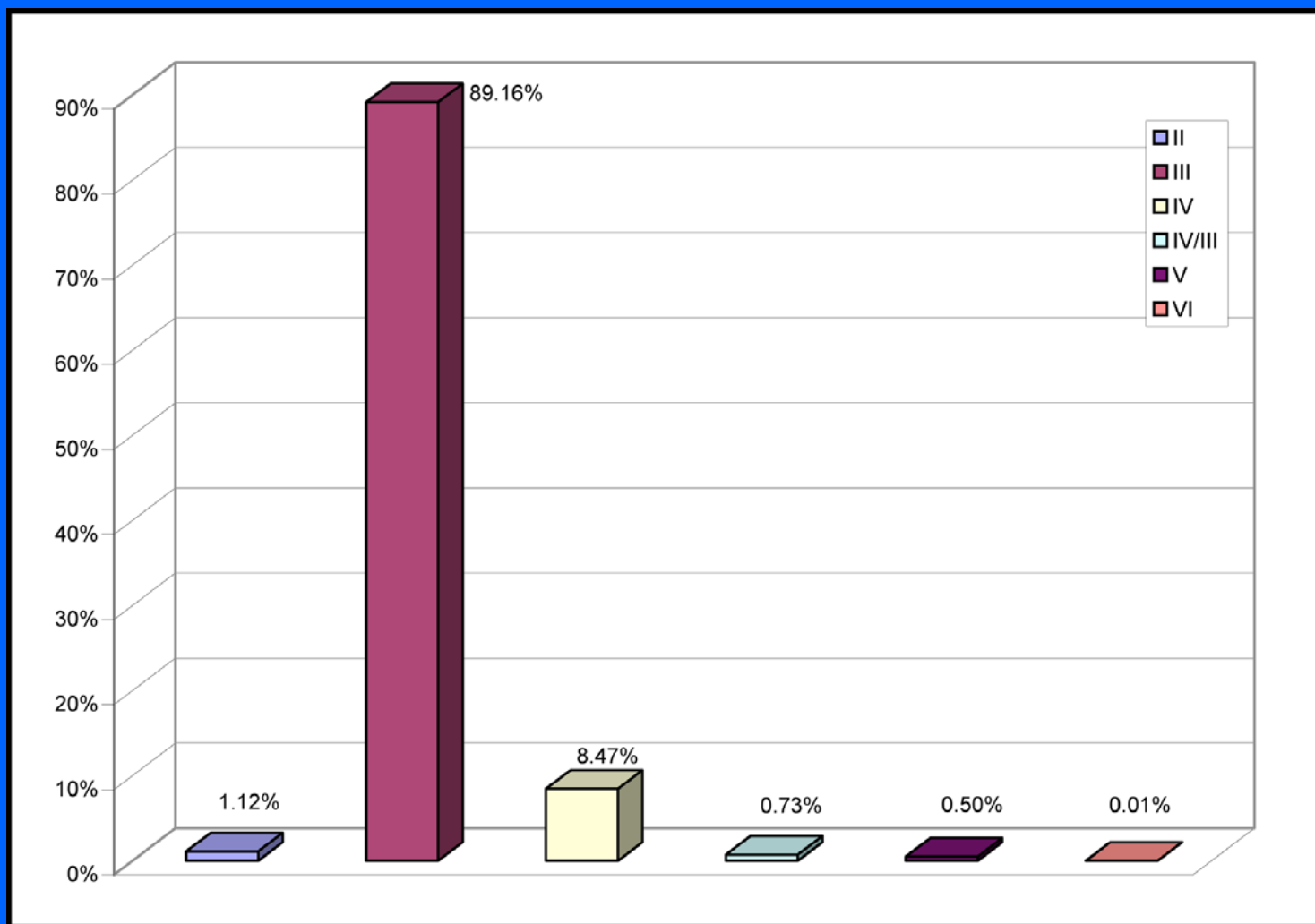


**Establishing Site
Stratigraphy and Context**



Archaeological deposits in Buried Soil or “Paleosol”

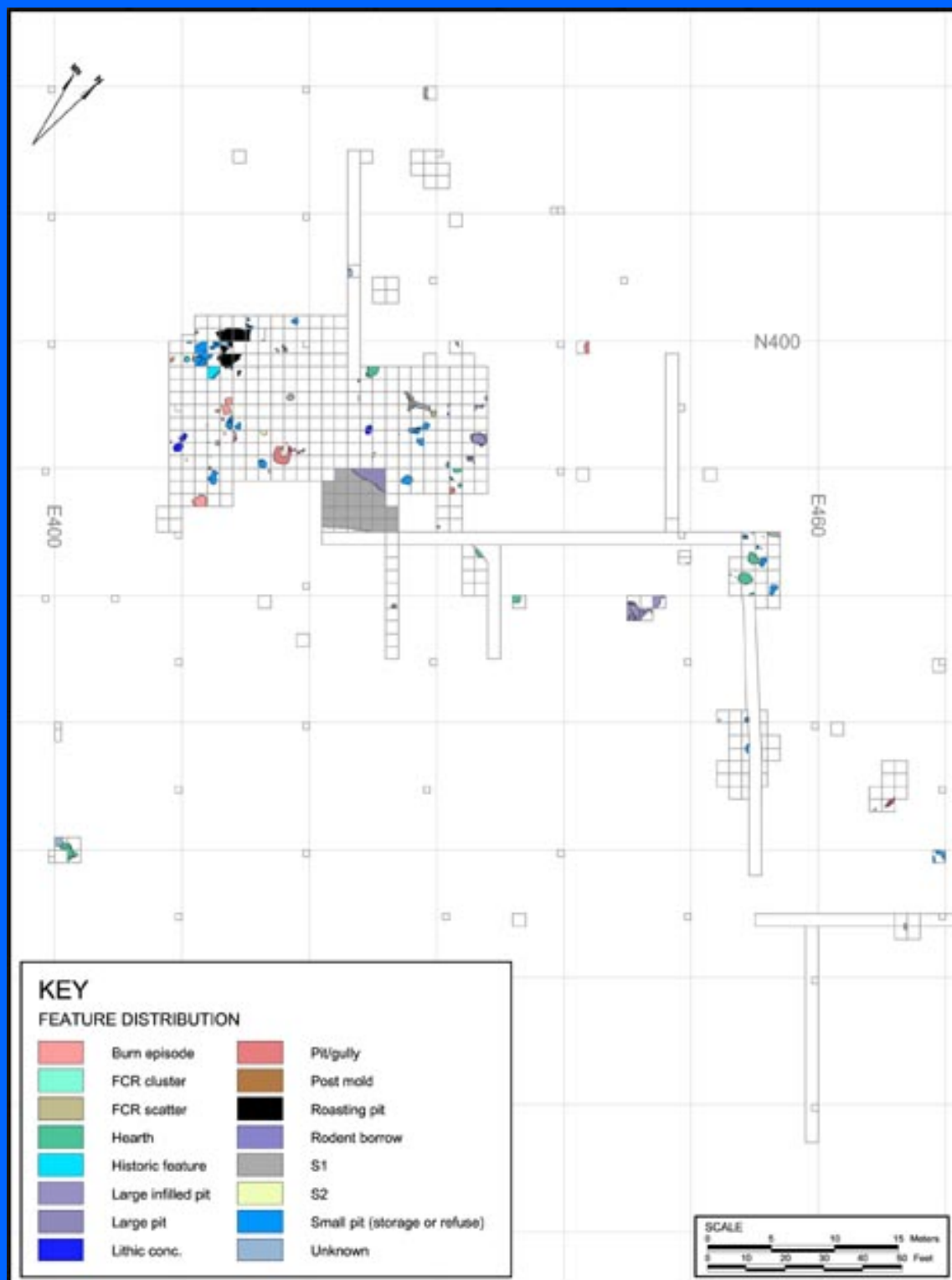




Contexts of artifacts and features all from stratum III

Cultural Features

“non-portable” artifacts



Feature Mapping



Feature Excavation





Roasting Pit





Storage Pit Features





Hearths

Laboratory Analysis



Artifact analysis



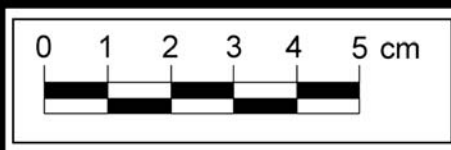
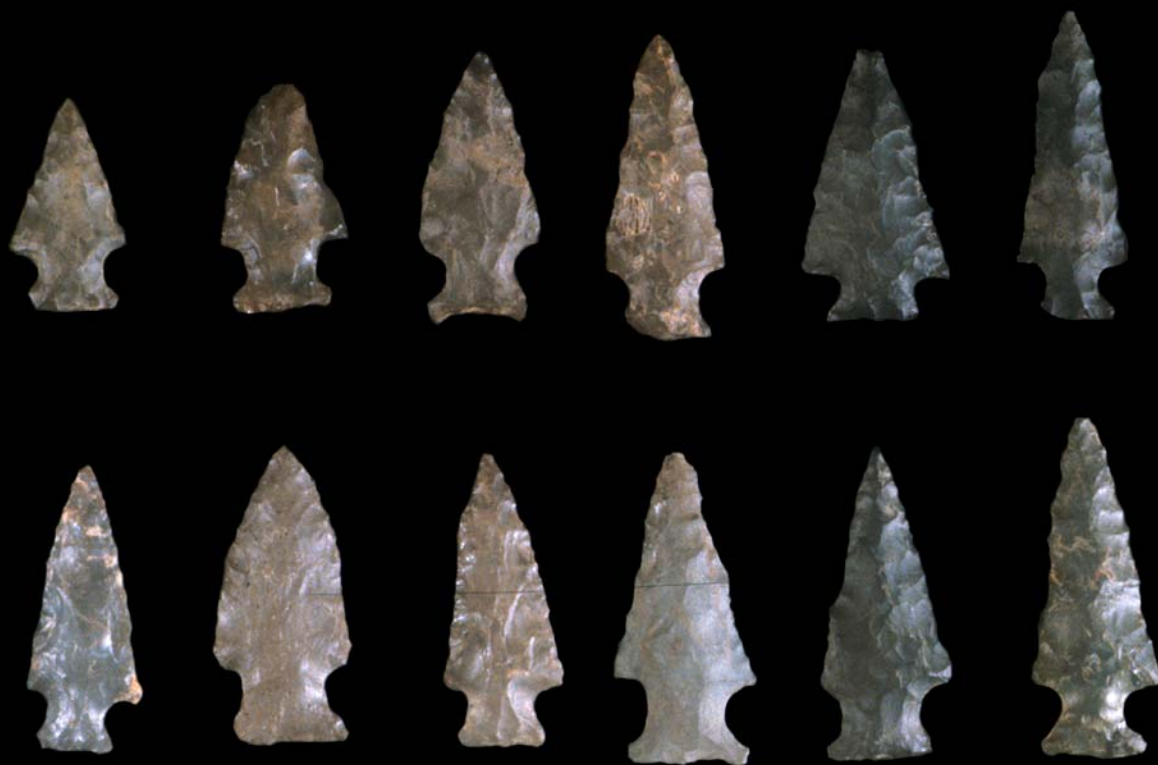
Separating contents of
feature samples



Flotation of feature sediment samples

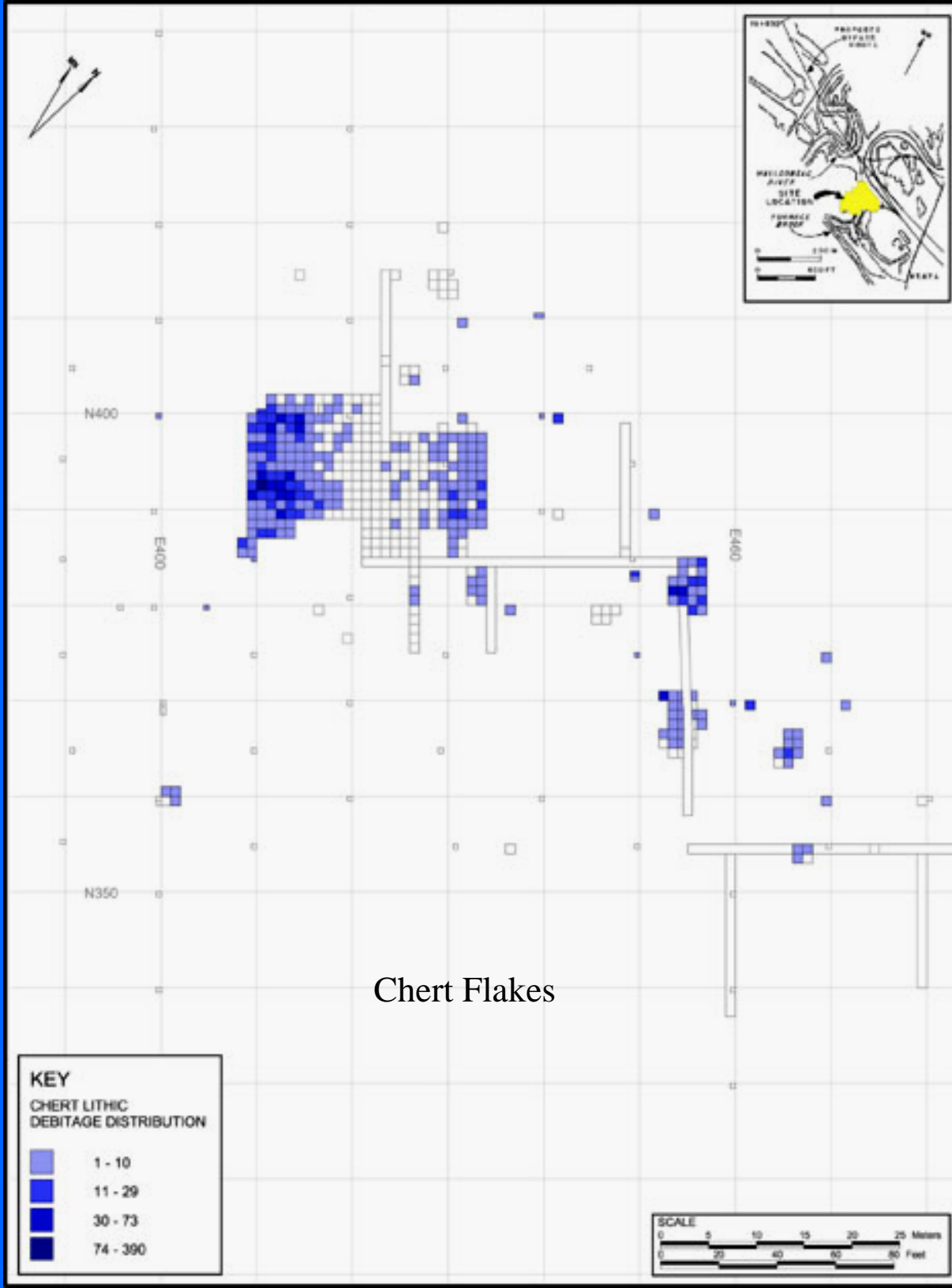
Normanskill Points – Onandaga chert



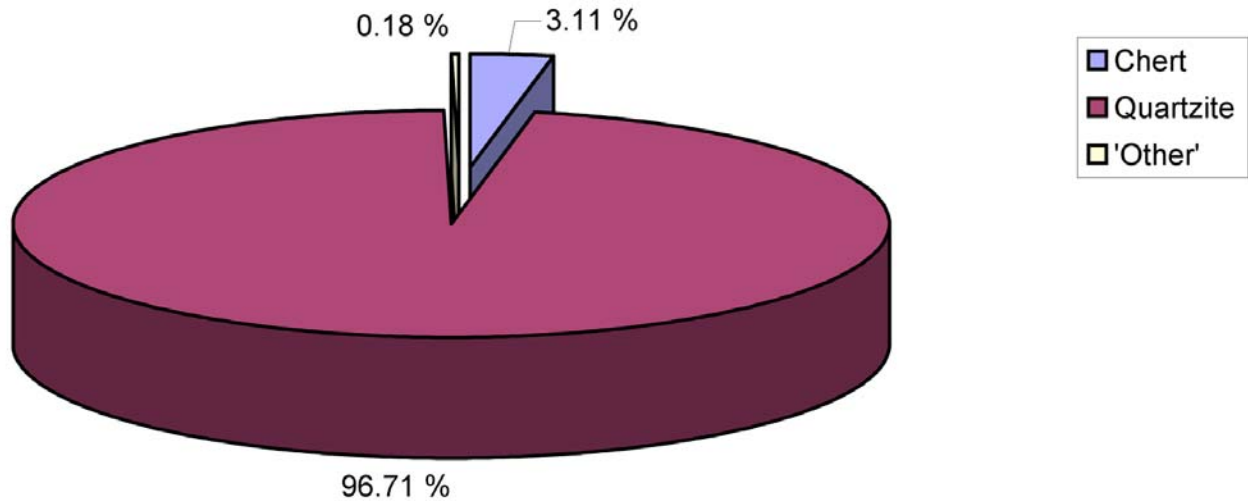


Normanskill Points – Cheshire quartzite



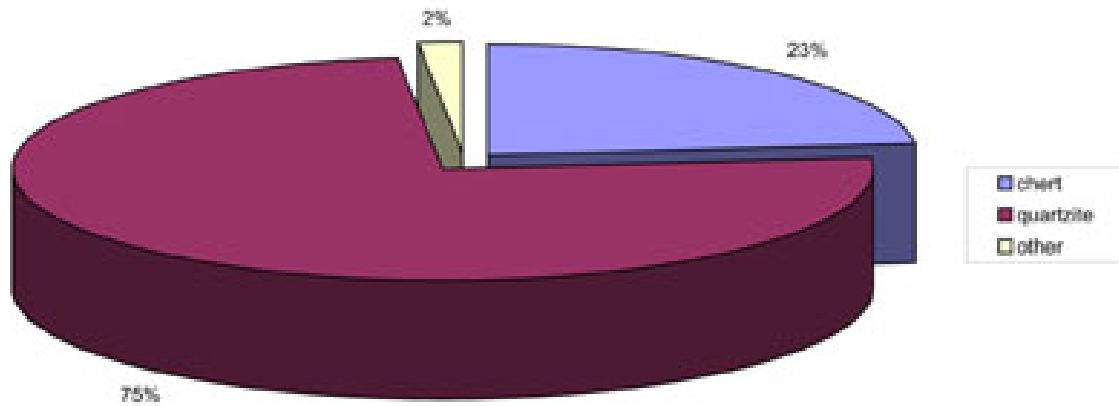


Percentage of Debitage By Material Type at the Cloverleaf Site (VT-BE-233)

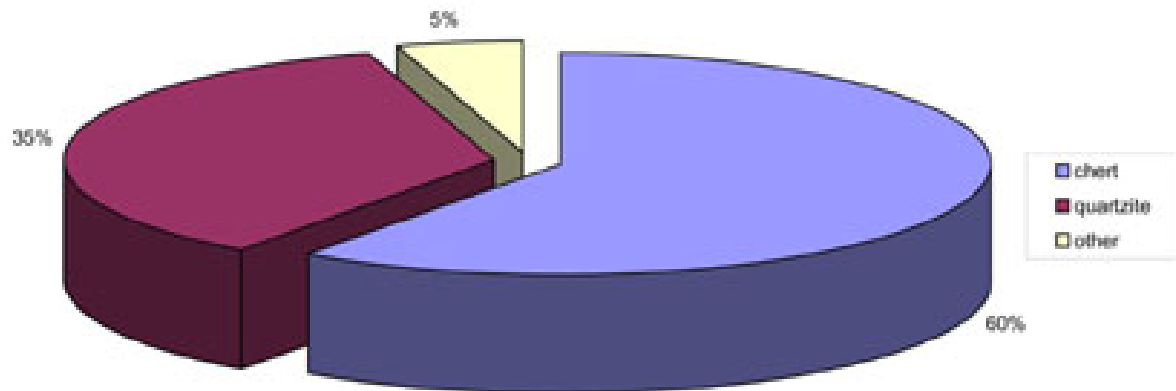


Most debris resulting from stone tool making was of local origin.

FLAKED TOOL MATERIAL TYPES

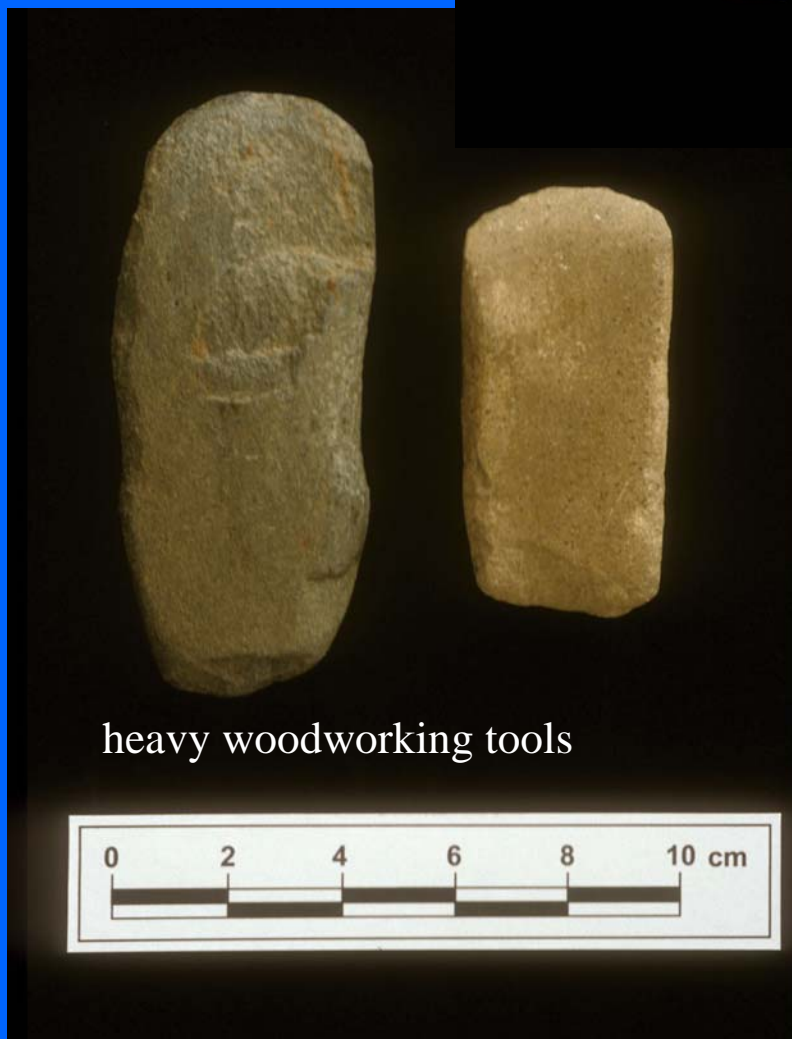


PROJECTILE POINT MATERIAL TYPES





Ground Stone Tools



heavy woodworking tools



Atlatl weight



Initial reduction
Bifaces:
First stage of
production



Intermediary reduction
bifaces :
Second stage of
production



Finished Points



Site Reconstruction

- Seasonal gathering place
- Community population – ca. 50 people
- Date of occupation: ca. 4000 B.P
- season of occupation: late summer/fall

Activities at the Cloverleaf Site

- Generalized activities typical of a seasonal habitation site

Economies

- Food processing: plant and animal resources
 - nut harvest processing
 - Hunting related activities
 - Stone tool manufacture / modification
- Heavy woodworking – perhaps dug out canoe manufacture

Social Interaction

- Large group activities
- Long-distance trade focused westward

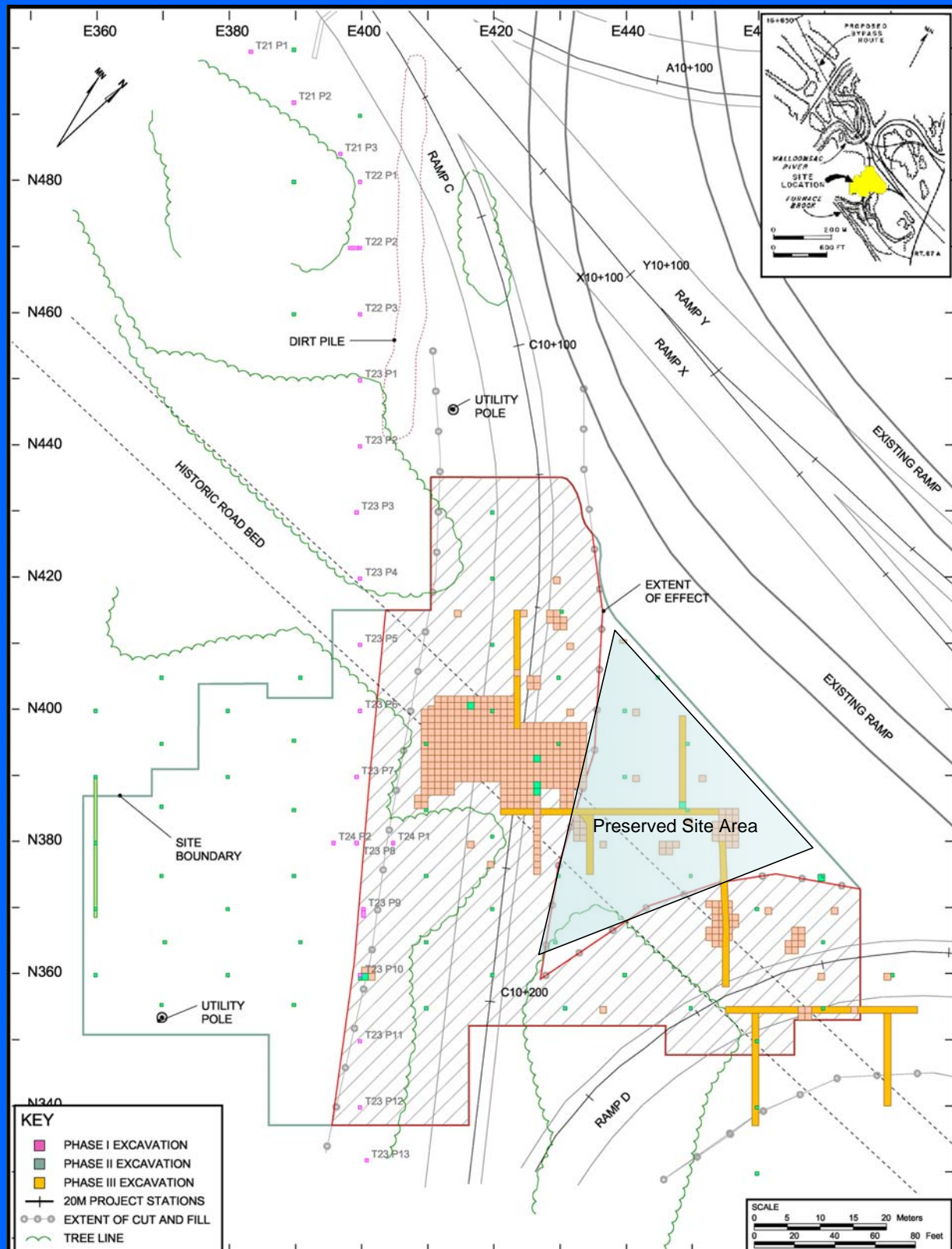


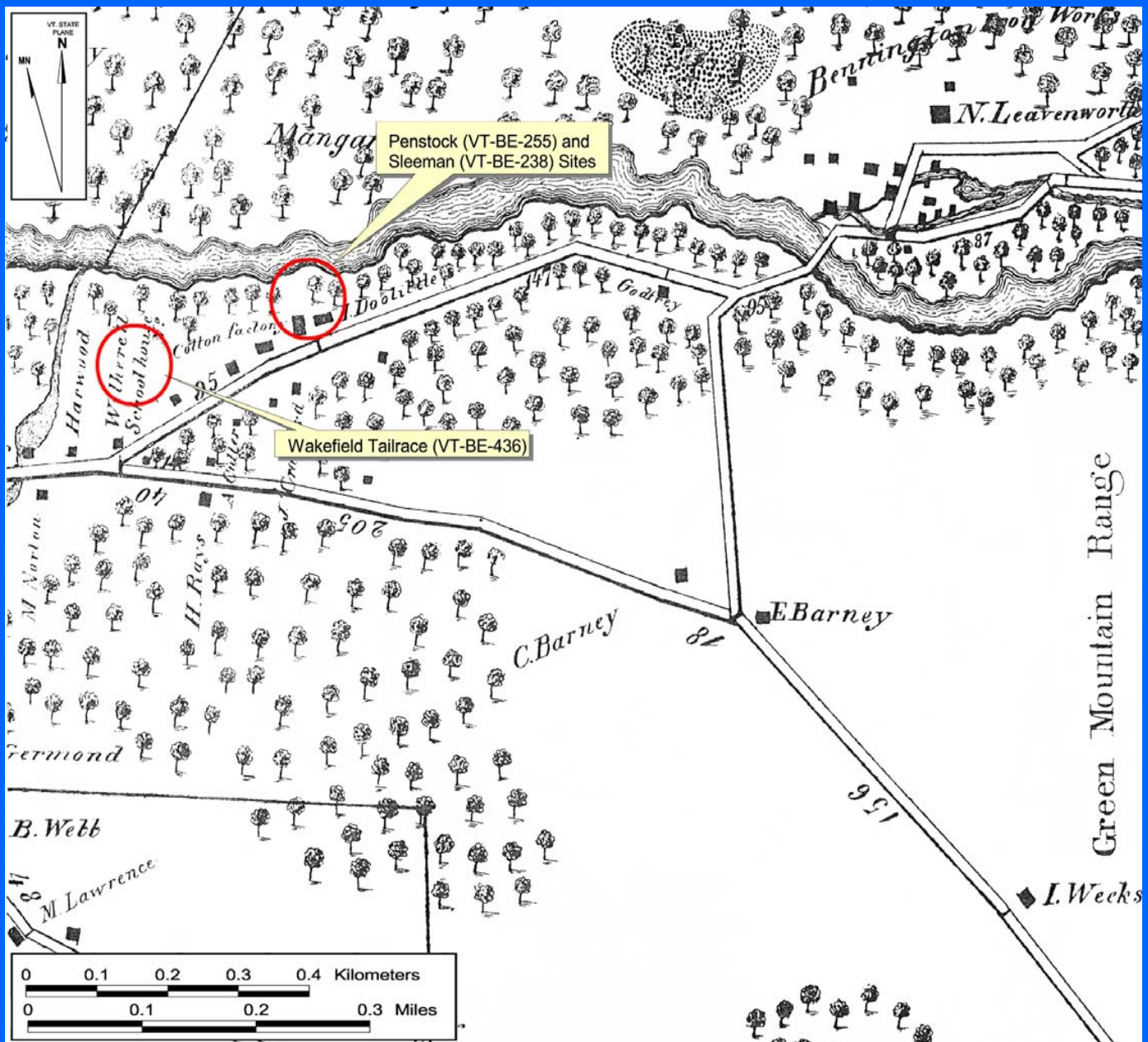


Bennington Bypass Construction

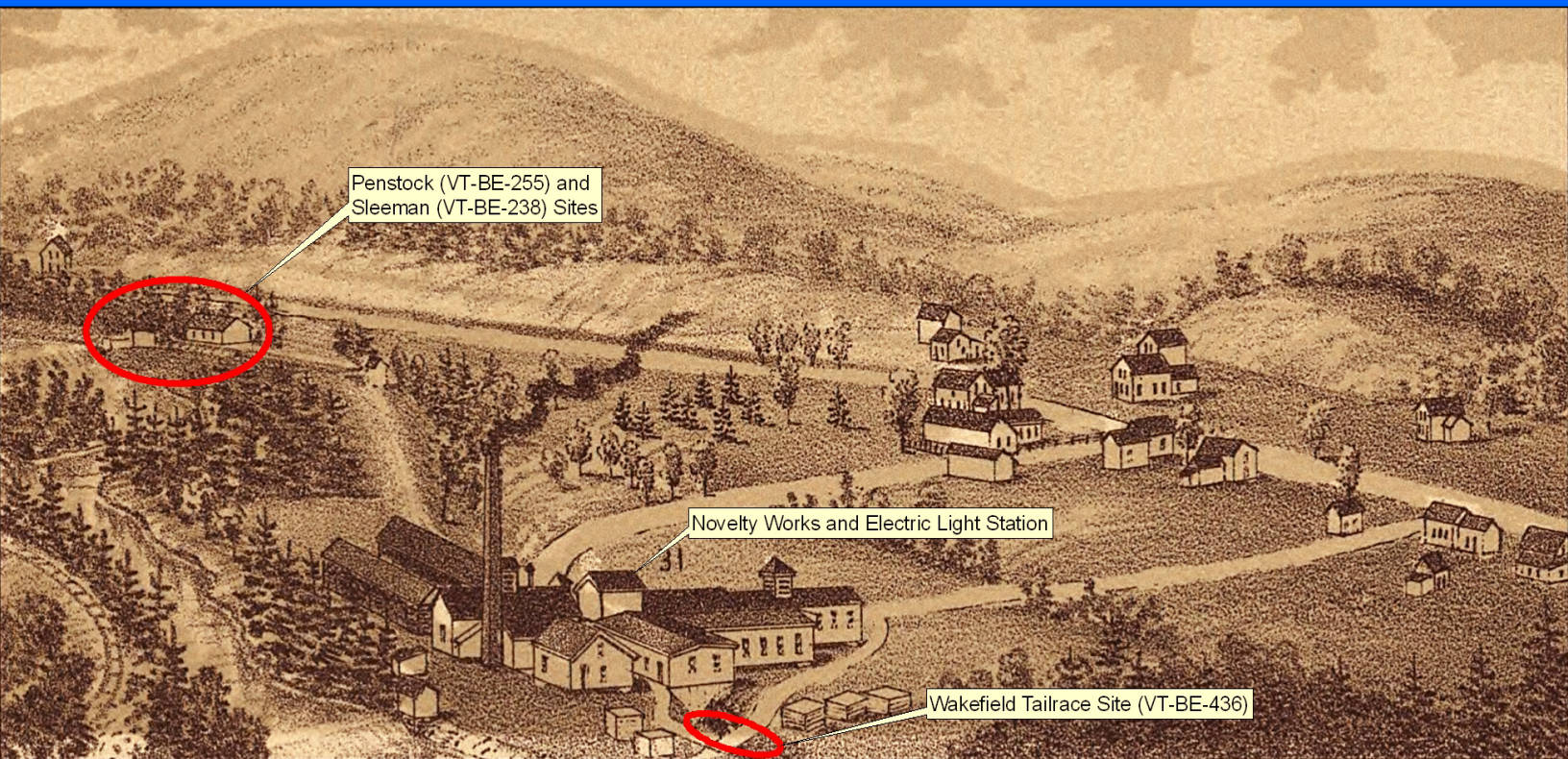


Site Protection for the future

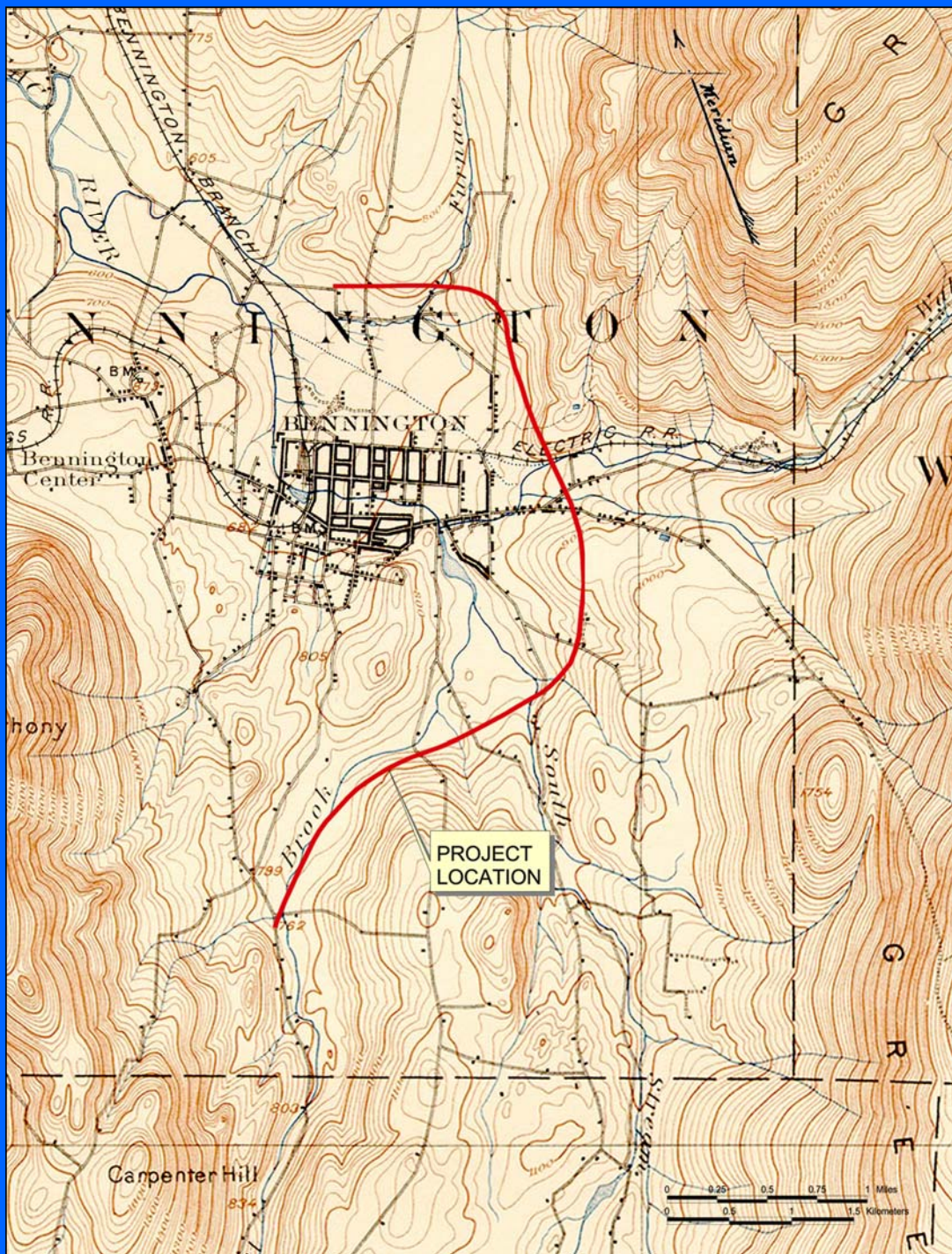




1835 Hinsdill Map



1887 Burleigh's "Birds Eye View"



1989 USGS Bennington Quadrangle

BENNINGTON COUNTY DIRECTORY.

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—CONTRACTOR AND BUILDER OF—
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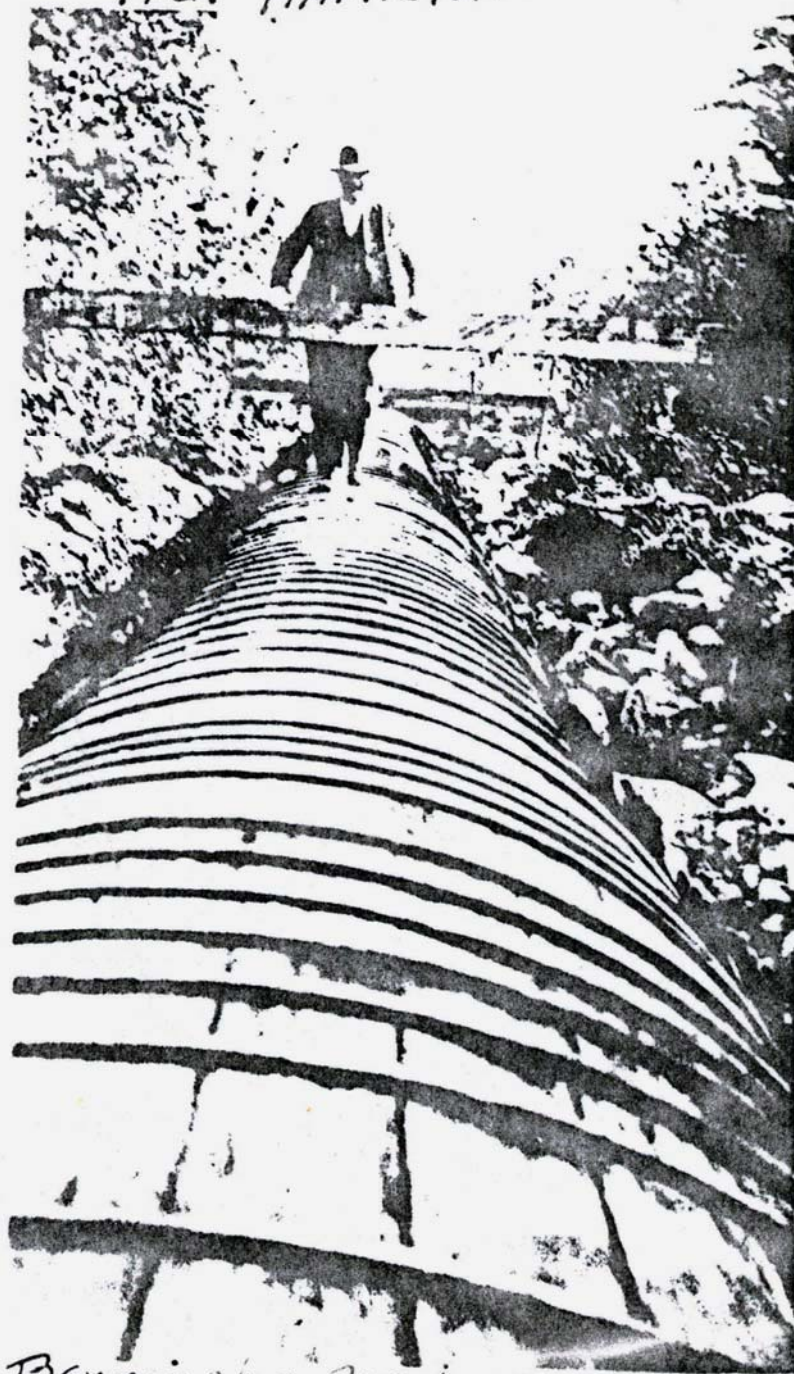
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BENNINGTON, VERMONT.

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—MANUFACTURER OF—
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And other Measuring Rods, consisting of 8 Foot, 6 Foot Poles, and other Lengths, marked in divisions of Feet, and subdivided in inches and fractions of inches.

BENNINGTON, VERMONT.

AL. HAMILTON



Bennington Periscope 10/23



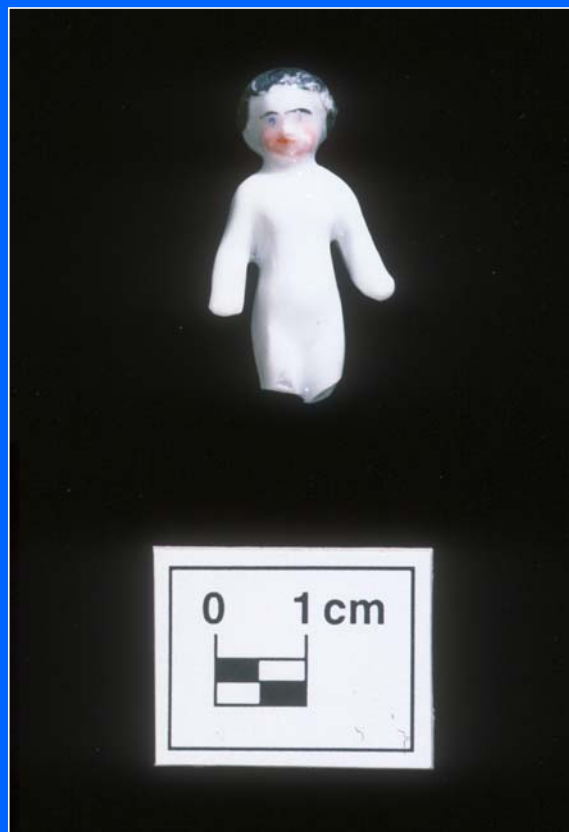
Structure #1 at Sleeman Site – mill foundation

- Hydro-mechanically powered
- 1830's cotton mill
- 1850's Bennington Powder Company



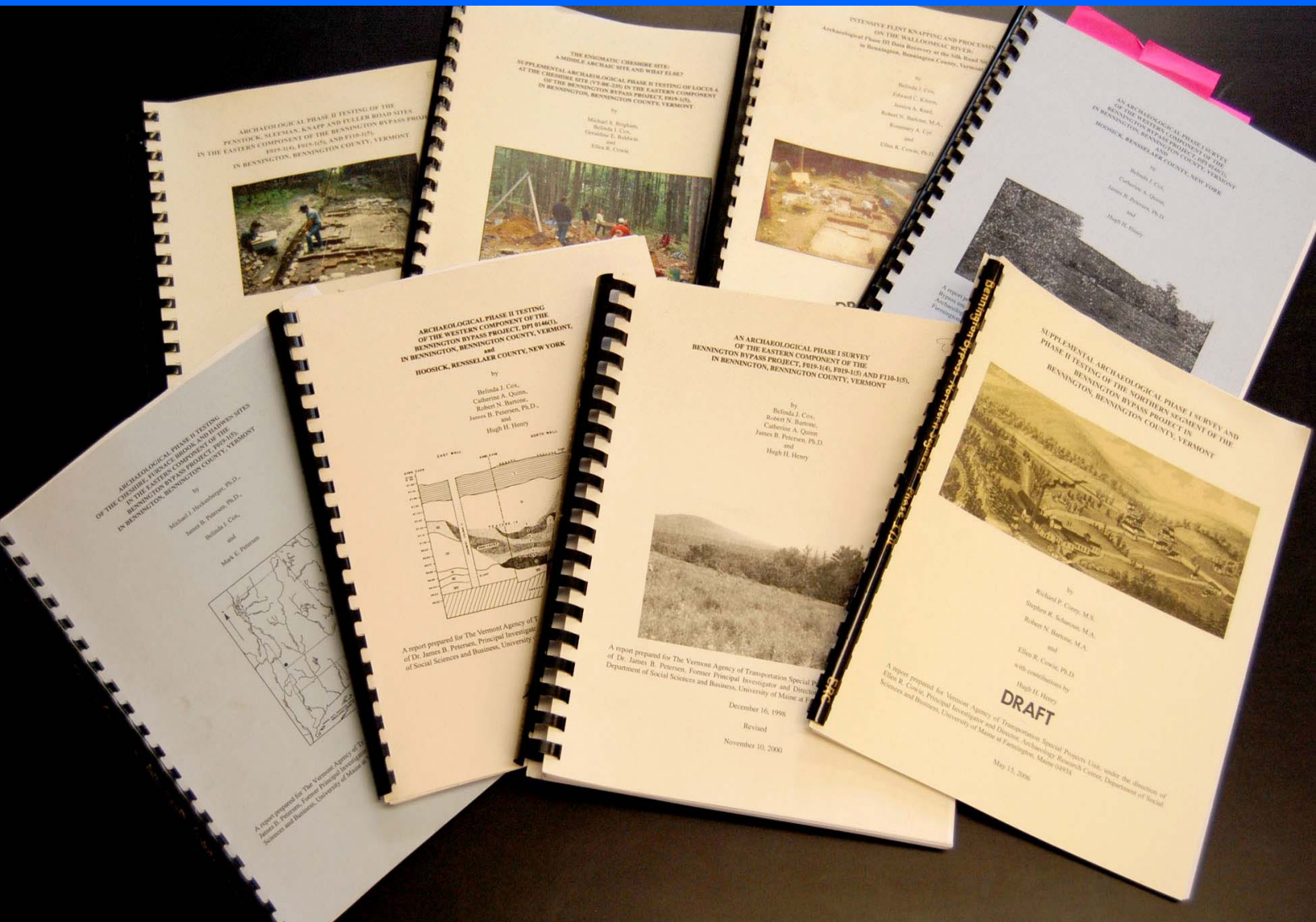
Structure #2 at Sleeman Site – early 19th century residential dwelling







Technical Reporting



Public Education and Outreach



Sharing the discovery: a community explores the past together







National Historic Preservation Act 1966

“The Spirit and direction of the Nation are founded upon and reflected in its historic heritage and the historical and cultural foundations of the Nation should be preserved as a living part of our community life and development in order to give a sense of orientation to the American people”.